

Section 9. Energy Prices

Crude Oil. The average price of domestic crude oil at the wellhead was \$30.08 per barrel in March 2003, 50 percent above the level of March 2002. The refiner acquisition cost of imported crude oil in March 2003 was \$29.34 per barrel, 29 percent above the March 2002 level. The average cost of domestic crude oil in March 2003 was \$33.21, 54 percent more than the March 2002 average.

Motor Gasoline. The national city average retail price of unleaded regular gasoline at all types of stations was \$1.66 per gallon in April 2003, 18 percent higher than the price in April 2002. The price of unleaded premium gasoline averaged \$1.85 in April 2003, 14 percent higher than the price in April 2002.

Residual Fuel Oil. The average price, excluding taxes, of residual fuel oil sold to end users in March 2003 was 82 cents per gallon, 3 percent lower than the previous month's price but 65 percent higher than the March 2002 average. The average resale price, excluding taxes, of residual fuel oil in March 2003 was 76 cents, 12 percent lower than the February 2003 price but 73 percent higher than the price 1 year earlier.

Aviation Fuel. The average price of aviation gasoline sold to end users in March 2003 was withheld to avoid disclosure of individual company data. The average price, excluding taxes, of kerosene-type jet fuel sold to end users in March 2003 was \$1.05 per gallon, 3 percent higher than the previous month's average price and 63 percent higher than the March 2002 average price.

No. 2 Distillate Fuel Oil. The March 2003 national average price, excluding taxes, of heating oil sold to residential customers was \$1.54 per gallon, 2 percent higher than the February 2003 price and 40 percent higher than the March 2002 price. The average price of No. 2 fuel oil sold to all end users was \$1.10 per gallon in March 2003, 3 percent lower than the February 2003 price but 57 percent higher than the price 1 year earlier.

Electricity. The average retail price of electricity sold to all ultimate consumers in the United States in January 2003 (latest month for which data are available) was 7.02 cents per kilowatthour, 1 percent higher than the average price in January 2002. The price of electricity sold to residential consumers in January 2003 averaged 7.98 cents per kilowatthour, 1 percent lower than the January 2002 price. The price of electricity sold to commercial consumers averaged 7.77 cents per kilowatthour in January 2003, 4 percent higher than the January 2002 price. The price of electricity sold to other consumers was 6.68 cents per kilowatthour, 1 percent higher than the January 2002 price. The price of electricity sold to industrial users in January 2003 averaged 4.67 cents per kilowatthour, 1 percent lower than the price 1 year earlier.

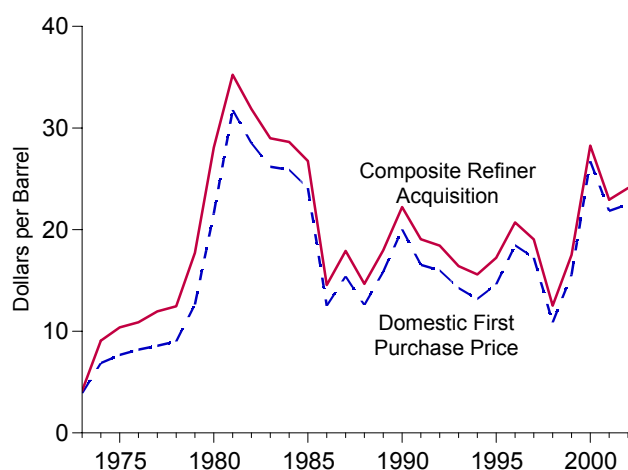
Beginning with January 1986, new series of national average price estimates were based on a statistically derived sample of both publicly and privately owned electric utilities. Previously, average price estimates were derived from selected privately owned electric utilities and were not national averages.

Natural Gas. The average wellhead price of natural gas for January 2003 (latest month for which data are available) was estimated as \$4.47 per thousand cubic feet, 90 percent higher than the January 2002 price.

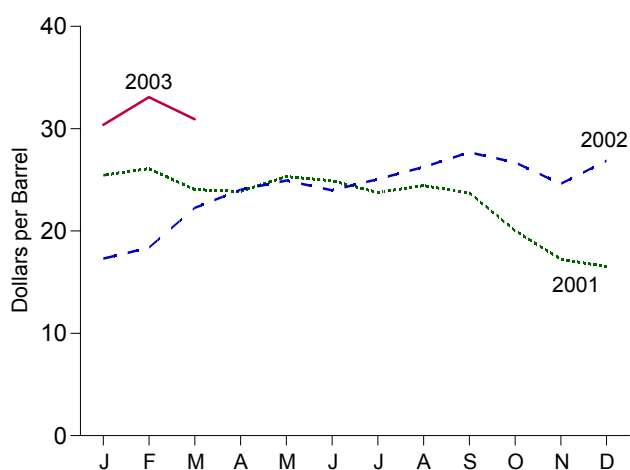
The average price of natural gas delivered to the electric power sector was \$4.76 per thousand cubic feet in December 2002 (latest month for which data are available), 51 percent higher than the December 2001 price. The average price of natural gas used by residential consumers in January 2003 was \$8.30 per thousand cubic feet, 15 percent higher than the January 2002 price. The average price of natural gas used by commercial consumers in January 2003 was \$7.24 per thousand cubic feet, 10 percent higher than the January 2002 price. The average price of natural gas used by industrial consumers in January 2003 was \$5.27 per thousand cubic feet, 29 percent above the January 2002 price.

Figure 9.1 Petroleum Prices

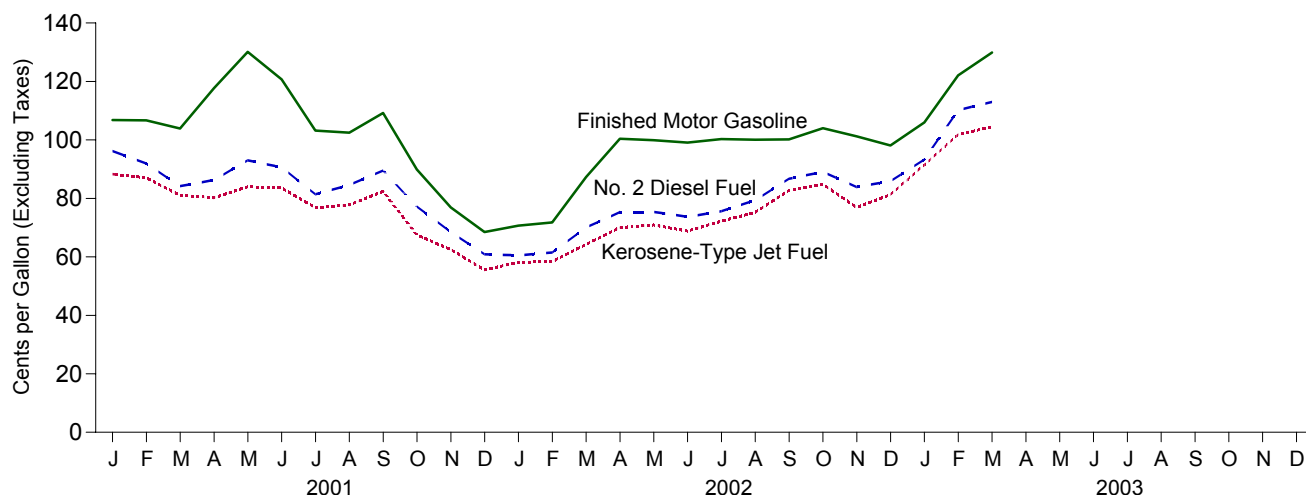
Crude Oil Prices, 1973-2002



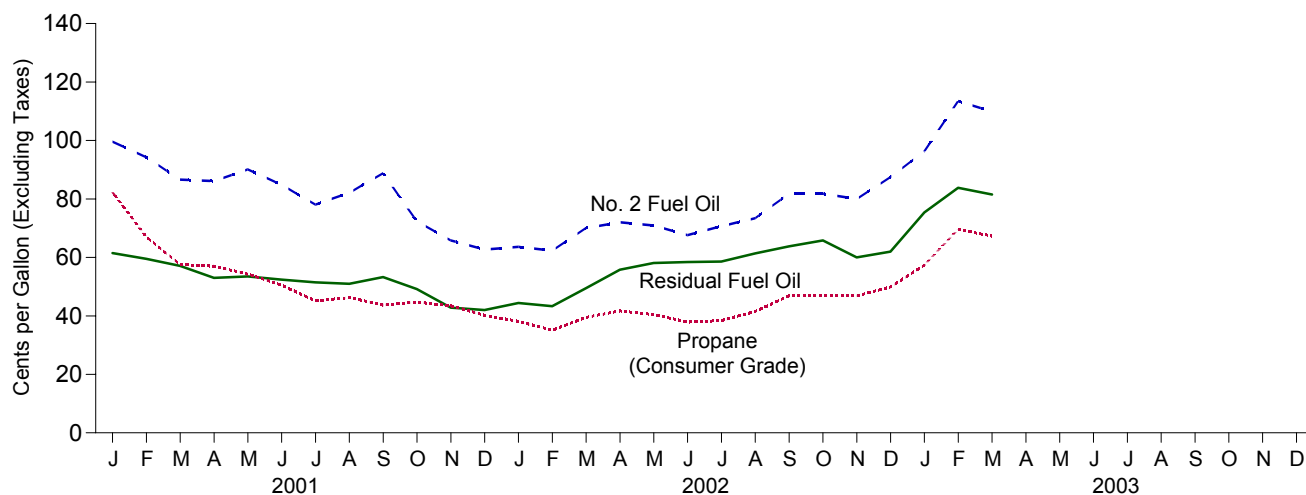
Composite Refiner Acquisition Cost, Monthly



Refiner Prices to End Users: Motor Gasoline, Diesel Fuel, and Jet Fuel, Monthly



Refiner Prices to End Users: No. 2 Fuel Oil, Propane, and Residual Fuel, Monthly



Web Page: <http://www.eia.doe.gov/emeu/mer/prices.html>.
Sources: Tables 9.1, 9.5, and 9.7.

Table 9.1 Crude Oil Price Summary
(Dollars per Barrel)

	Domestic First Purchase Price ^b	F.O.B. Cost of Imports ^c	Landed Cost of Imports ^d	Refiner Acquisition Cost ^a		
				Domestic	Imported	Composite
1973 Average	3.89	^e 5.21	^e 6.41	^E 4.17	^E 4.08	^E 4.15
1974 Average	6.87	10.91	12.32	7.18	12.52	9.07
1975 Average	7.67	11.18	12.70	8.39	13.93	10.38
1976 Average	8.19	12.15	13.32	8.84	13.48	10.89
1977 Average	8.57	13.24	14.36	9.55	14.53	11.96
1978 Average	9.00	13.29	14.35	10.61	14.57	12.46
1979 Average	12.64	20.07	21.45	14.27	21.67	17.72
1980 Average	21.59	32.37	33.67	24.23	33.89	28.07
1981 Average	31.77	35.15	36.47	34.33	37.05	35.24
1982 Average	28.52	32.02	33.18	31.22	33.55	31.87
1983 Average	26.19	27.81	28.93	28.87	29.30	28.99
1984 Average	25.88	27.60	28.54	28.53	28.88	28.63
1985 Average	24.09	25.84	26.67	26.66	26.99	26.75
1986 Average	12.51	12.52	13.49	14.82	14.00	14.55
1987 Average	15.40	16.69	17.65	17.76	18.13	17.90
1988 Average	12.58	13.25	14.08	14.74	14.56	14.67
1989 Average	15.86	16.89	17.68	17.87	18.08	17.97
1990 Average	20.03	20.37	21.13	22.59	21.76	22.22
1991 Average	16.54	16.89	18.02	19.33	18.70	19.06
1992 Average	15.99	16.77	17.75	18.63	18.20	18.43
1993 Average	14.25	14.71	15.72	16.67	16.14	16.41
1994 Average	13.19	14.18	15.18	15.67	15.51	15.59
1995 Average	14.62	15.69	16.78	17.33	17.14	17.23
1996 Average	18.46	19.32	20.31	20.77	20.64	20.71
1997 Average	17.23	16.94	18.11	19.61	18.53	19.04
1998 Average	10.87	10.76	11.84	13.18	12.04	12.52
1999 Average	15.56	16.47	17.23	17.90	17.26	17.51
2000 Average	26.72	26.27	27.53	29.11	27.70	28.26
2001 January	24.64	22.46	24.04	26.83	24.49	25.45
February	25.27	23.01	24.23	27.66	24.97	26.09
March	22.98	20.88	22.89	25.64	23.01	24.05
April	23.39	21.71	23.06	25.12	22.99	23.87
May	24.06	22.71	24.14	26.37	24.63	25.31
June	23.43	22.74	23.83	26.30	23.95	24.92
July	22.82	21.43	22.88	25.13	22.76	23.76
August	23.08	22.02	23.29	25.44	23.77	24.44
September	22.37	21.01	22.22	25.48	22.51	23.73
October	18.73	17.15	18.38	21.79	18.76	20.04
November	16.40	15.03	16.24	18.99	16.06	17.24
December	15.54	15.22	16.05	17.34	15.95	16.52
Average	21.84	20.46	21.82	24.33	22.00	22.95
2002 January	15.89	16.05	17.25	17.85	16.93	17.31
February	16.92	17.68	19.16	18.70	18.13	18.37
March	20.04	21.64	22.22	21.57	22.78	22.26
April	22.14	23.06	24.16	24.27	23.87	24.03
May	23.51	23.16	24.49	25.78	24.29	24.94
June	22.59	22.63	23.95	24.81	23.33	23.98
July	23.51	23.71	25.00	25.37	24.82	25.06
August	24.76	24.57	26.02	26.87	25.77	26.24
September	26.08	25.78	26.61	28.43	27.14	27.68
October	25.29	24.34	25.59	27.82	25.99	26.70
November	23.38	22.42	24.23	26.02	23.68	24.60
December	25.29	25.86	27.06	27.25	26.57	26.87
Average	22.51	22.62	23.95	24.65	23.68	24.09
2003 January	28.35	^R 29.16	^R 30.34	30.47	30.32	30.38
February	^R 31.85	^R 29.94	^R 31.71	^R 33.98	^R 32.42	^R 33.08
March	30.08	26.28	29.48	33.21	29.34	30.92

^a See Note 4 at end of section.

^b See Note 1 at end of section.

^c See Note 2 at end of section.

^d See Note 3 at end of section.

^e Based on October, November, and December data only.

^R=Revised. ^E=Estimate.

Notes: • Values for Domestic First Purchase Price and Refiner Acquisition Cost for the current month and for F.O.B. and Landed Costs of Imports for the

current 2 months are preliminary. • F.O.B. and landed costs through 1980 reflect the period of reporting; prices since then reflect the period of loading. • Annual averages are the averages of the monthly prices, weighted by volume. • Geographic coverage is the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all U.S. Territories and Possessions.

Web Page: <http://www.eia.doe.gov/emeu/mer/prices.html>.

Sources: See end of section.

Table 9.2 F.O.B. Costs of Crude Oil Imports From Selected Countries
(Dollars per Barrel)

	Selected Countries							Persian Gulf Nations ^a	Total OPEC ^b	Total Non-OPEC
	Angola	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1973 Average ^c	W	W	NA	7.81	3.25	NA	5.39	3.68	5.43	4.80
1974 Average	11.87	W	W	12.44	10.17	NA	10.71	10.60	11.33	9.59
1975 Average	10.97	(^d)	11.44	11.82	10.87	NA	11.04	10.88	11.34	10.62
1976 Average	12.02	(^d)	12.22	13.08	11.62	W	11.39	11.65	12.23	11.70
1977 Average	13.29	(^d)	13.42	14.44	12.38	14.11	12.63	12.56	13.29	12.97
1978 Average	13.32	(^d)	13.24	14.05	12.70	13.82	12.38	12.77	13.31	13.23
1979 Average	19.85	(^d)	20.27	21.69	17.28	21.70	16.90	18.77	19.88	20.92
1980 Average	33.45	W	31.06	35.93	28.17	34.36	24.81	28.92	32.21	32.85
1981 Average	35.55	(^d)	33.01	38.31	32.60	36.06	28.95	33.00	35.17	35.12
1982 Average	31.86	(^d)	28.08	35.13	33.73	33.42	23.74	33.55	33.48	30.58
1983 Average	28.14	(^d)	25.20	29.81	27.53	29.91	21.48	27.70	28.46	27.20
1984 Average	27.46	(^d)	26.39	29.51	27.67	28.87	24.23	27.48	27.79	27.45
1985 Average	26.30	(^d)	25.33	28.04	22.04	27.64	23.64	23.31	25.67	25.96
1986 Average	13.30	12.34	11.84	14.35	11.36	13.84	10.92	11.35	12.21	12.87
1987 Average	17.27	17.84	16.36	18.47	15.12	18.28	15.08	15.97	16.43	16.99
1988 Average	13.70	13.61	12.18	15.16	12.16	14.80	12.96	12.38	13.43	13.05
1989 Average	17.66	17.89	15.96	18.31	16.29	17.89	16.09	16.61	17.06	16.72
1990 Average	20.23	20.75	19.26	22.46	20.36	23.43	19.55	18.54	20.40	20.32
1991 Average	18.47	18.49	15.37	20.29	14.62	20.81	14.91	15.22	16.99	16.77
1992 Average	18.41	18.02	15.26	19.98	15.85	19.61	14.39	16.35	16.87	16.66
1993 Average	16.23	15.87	13.74	17.79	13.77	16.64	12.46	14.21	14.78	14.65
1994 Average	15.40	14.99	13.68	16.32	14.12	15.66	12.21	13.97	14.00	14.34
1995 Average	16.58	16.73	15.64	17.40	W	16.94	13.86	W	15.36	16.02
1996 Average	20.71	21.33	19.14	21.27	19.28	19.43	17.73	19.22	18.94	19.65
1997 Average	18.81	18.85	16.72	19.43	15.16	18.59	15.33	15.24	16.26	17.51
1998 Average	12.11	12.56	10.49	12.97	8.87	12.52	9.31	9.09	10.20	11.21
1999 Average	17.46	17.20	15.89	17.32	17.65	19.14	14.33	17.15	15.90	16.84
2000 Average	27.90	29.04	25.39	28.70	24.62	27.21	24.45	24.72	25.56	26.77
2001 January	24.28	26.72	21.31	26.46	19.79	25.87	20.97	19.62	21.55	23.14
February	25.68	27.06	21.39	26.82	20.58	W	20.43	20.94	22.22	23.67
March	21.97	23.63	18.77	24.70	20.46	W	19.12	20.37	20.83	20.94
April	24.71	25.04	19.78	W	20.83	W	21.12	20.36	21.74	21.69
May	27.45	26.23	21.20	28.74	20.54	28.19	20.10	20.13	21.77	23.62
June	26.87	26.81	21.39	27.63	20.80	W	17.95	20.73	21.48	23.66
July	23.85	25.86	19.18	24.98	W	24.88	18.68	21.03	20.58	22.25
August	24.10	25.23	20.49	25.78	18.93	W	19.67	20.49	21.26	22.59
September	24.03	22.78	20.82	24.60	16.24	23.81	17.11	16.56	18.88	22.42
October	19.70	20.40	16.45	20.14	14.23	20.48	14.76	14.37	15.76	18.17
November	17.49	18.44	14.32	19.02	14.93	W	11.90	14.25	14.05	15.68
December	17.49	18.48	14.26	19.08	15.34	W	12.80	15.21	14.55	15.65
Average	23.25	24.25	18.89	24.85	18.98	23.30	18.01	18.89	19.73	21.04
2002 January	19.12	18.93	14.25	19.63	W	19.24	13.55	17.56	15.89	16.18
February	18.76	19.37	15.91	20.70	21.20	W	14.84	19.88	17.65	17.70
March	22.65	23.88	20.21	24.39	23.41	W	19.30	23.12	21.49	21.74
April	24.36	25.57	22.42	25.66	23.17	W	20.02	23.40	22.49	23.40
May	24.35	26.11	22.83	W	23.19	24.52	19.90	22.78	22.26	23.72
June	22.93	24.30	22.02	24.39	23.55	23.24	20.50	23.56	22.26	22.83
July	24.63	W	22.50	26.01	25.11	25.39	21.71	24.98	23.44	23.92
August	25.93	26.10	23.70	27.28	25.10	W	22.67	25.33	24.12	24.89
September	27.97	29.11	25.25	28.56	24.67	28.41	23.98	24.71	25.09	26.27
October	26.57	27.03	23.74	27.32	23.38	28.20	21.65	22.99	22.89	25.33
November	23.58	24.14	20.75	24.83	25.12	25.10	20.18	24.58	22.33	22.49
December	28.75	27.75	^R 24.25	29.98	26.75	W	23.41	26.64	26.53	25.51
Average	24.08	24.59	21.60	25.37	23.91	24.43	20.12	23.33	22.15	22.94
2003 January	^R 31.59	32.94	28.32	^R 31.76	^R 27.76	31.66	W	^R 27.81	^R 29.08	^R 29.21
February	^R 33.49	35.25	^R 28.44	^R 33.64	^R 27.36	^R 32.97	^R 28.79	^R 27.74	^R 29.04	^R 30.53
March	29.47	31.28	25.06	W	24.96	28.84	23.06	25.14	25.23	26.95

^a Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

^b Current members are Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela. Ecuador withdrew at the end of 1992 and Gabon withdrew at the end of 1994.

^c Based on October, November, and December data only.

^d No data reported.

^R=Revised. NA=Not available. W=Value withheld to avoid disclosure of individual company data.

Notes: • The Free on Board (F.O.B.) cost at the country of origin excludes all costs related to insurance and transportation. See Note 2 at end of

section. • Values for the current 2 months are preliminary. • Prices through 1980 reflect the period of reporting; prices since then reflect the period of loading. • Annual averages are averages of the monthly prices, including prices not published, weighted by volume. • Cargoes that are purchased on a "netback" basis, or under similar contractual arrangements whereby the actual purchase price is not established at the time the crude oil is acquired for importation into the United States, are not included in the published data until the actual prices have been determined and reported. • U.S. geographic coverage is the 50 States and the District of Columbia.

Web Page: <http://www.eia.doe.gov/emeu/mer/prices.html>.

Sources: See end of section.

Table 9.3 Landed Costs of Crude Oil Imports From Selected Countries
(Dollars per Barrel)

	Selected Countries								Persian Gulf Nations ^a	Total OPEC ^b	Total Non-OPEC
	Angola	Canada	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1973 Average ^c	W	5.33	W	NA	9.08	5.37	NA	5.99	5.91	6.85	5.64
1974 Average	12.48	11.48	W	W	13.16	11.63	NA	11.25	12.21	12.49	11.81
1975 Average	11.81	12.84	(^d)	12.61	12.70	12.50	NA	12.36	12.64	12.70	12.70
1976 Average	12.71	13.36	(^d)	12.64	13.81	13.06	W	11.89	13.03	13.32	13.35
1977 Average	14.04	14.13	(^d)	13.82	15.29	13.69	14.83	13.11	13.85	14.35	14.42
1978 Average	14.07	14.41	(^d)	13.56	14.88	13.94	14.53	12.84	14.01	14.34	14.38
1979 Average	21.06	20.22	(^d)	20.77	22.97	18.95	22.97	17.65	20.42	21.29	22.10
1980 Average	34.76	30.11	W	31.77	37.15	29.80	35.68	25.92	30.59	33.56	33.99
1981 Average	36.84	32.32	(^d)	33.70	39.66	34.20	37.29	29.91	34.61	36.60	36.14
1982 Average	33.08	27.15	(^d)	28.63	36.16	34.99	34.25	24.93	34.94	34.81	31.47
1983 Average	29.31	25.63	(^d)	25.78	30.85	29.27	30.87	22.94	29.37	29.84	28.08
1984 Average	28.49	26.56	(^d)	26.85	30.36	29.20	29.45	25.19	29.07	29.06	28.14
1985 Average	27.39	25.71	(^d)	25.63	28.96	24.72	28.36	24.43	25.50	26.86	26.53
1986 Average	14.09	13.43	12.85	12.17	15.29	12.84	14.63	11.52	12.92	13.46	13.52
1987 Average	18.20	17.04	18.43	16.69	19.32	16.81	18.78	15.76	17.47	17.64	17.66
1988 Average	14.48	13.50	14.47	12.58	15.88	13.37	15.82	13.66	13.51	14.18	13.96
1989 Average	18.36	16.81	18.10	16.35	19.19	17.34	18.74	16.78	17.37	17.78	17.54
1990 Average	21.51	20.48	22.34	19.64	23.33	21.82	22.65	20.31	20.55	21.23	20.98
1991 Average	19.90	17.16	19.55	15.89	21.39	17.22	21.37	15.92	17.34	18.08	17.93
1992 Average	19.36	17.04	18.46	15.60	20.78	17.48	20.63	15.13	17.58	17.81	17.67
1993 Average	17.40	15.27	16.54	14.11	18.73	15.40	17.92	13.39	15.26	15.68	15.78
1994 Average	16.36	14.83	15.80	14.09	17.21	15.11	16.64	13.12	15.00	15.08	15.29
1995 Average	17.66	16.65	17.45	16.19	18.25	16.84	17.91	14.81	16.78	16.61	16.95
1996 Average	21.86	19.94	22.02	19.64	21.95	20.49	20.88	18.59	20.45	20.14	20.47
1997 Average	20.24	17.63	19.71	17.30	20.64	17.52	20.64	16.35	17.44	17.73	18.45
1998 Average	13.37	11.62	13.26	11.04	14.14	11.16	13.55	10.16	11.18	11.46	12.22
1999 Average	18.37	17.54	18.09	16.12	17.63	17.48	18.26	15.58	17.37	16.94	17.51
2000 Average	29.57	26.69	29.68	26.03	30.04	26.58	29.26	26.05	26.77	27.29	27.80
2001 January	26.56	21.98	28.27	21.51	28.37	23.58	28.29	22.89	23.51	24.08	24.01
February	27.48	22.48	28.71	21.61	28.75	23.00	29.12	22.15	22.96	23.90	24.61
March	24.87	21.57	26.21	19.52	27.40	22.62	26.29	21.13	22.49	23.21	22.46
April	26.63	21.35	26.71	19.57	27.01	22.58	25.95	22.54	22.23	23.26	22.79
May	28.58	22.63	27.83	21.22	29.33	22.63	28.27	21.91	22.47	23.67	24.73
June	28.40	22.53	28.86	21.34	29.31	22.65	26.91	20.41	22.25	23.26	24.40
July	25.59	22.60	27.45	19.79	26.68	22.54	26.02	20.27	22.28	22.43	23.51
August	25.54	23.95	26.31	21.14	27.01	21.78	25.91	21.21	22.06	22.70	23.93
September	25.66	22.55	24.86	21.40	26.45	19.21	24.83	19.40	19.91	21.06	23.55
October	21.21	18.48	21.77	17.19	22.34	16.31	21.27	16.26	16.99	17.58	19.28
November	18.91	14.84	20.22	14.82	20.41	16.44	W	13.62	16.17	16.12	16.37
December	18.49	14.65	18.92	14.64	19.98	16.32	W	14.40	15.87	16.02	16.09
Average	25.13	20.72	25.88	19.37	26.55	20.98	25.32	19.81	20.73	21.52	22.17
2002 January	20.03	15.66	19.86	14.87	20.41	18.92	20.49	15.10	17.92	17.51	16.96
February	19.70	18.00	20.32	16.29	21.57	22.00	20.83	16.47	20.69	19.68	18.55
March	22.99	20.05	24.54	20.39	24.33	23.93	23.72	20.80	23.29	22.76	21.72
April	25.24	23.37	26.22	22.90	26.47	24.22	25.35	22.02	24.09	24.05	24.26
May	25.56	23.97	25.85	23.45	26.56	24.48	25.93	21.92	24.30	24.09	24.78
June	24.48	23.15	24.99	22.58	25.55	24.61	25.12	22.30	24.47	23.97	23.93
July	25.66	24.38	25.99	23.09	26.89	25.96	26.36	23.34	25.73	25.04	24.96
August	26.99	25.63	27.00	24.21	27.75	26.61	27.00	24.43	26.53	26.10	25.92
September	28.93	26.00	29.77	25.72	29.44	25.67	28.20	25.45	25.74	26.16	27.14
October	27.75	25.16	28.07	24.20	28.59	24.98	28.90	23.06	24.89	24.72	26.32
November	25.06	23.24	25.28	21.37	26.51	26.35	26.96	22.02	25.84	24.52	23.94
December	30.20	24.53	28.42	24.63	30.58	28.20	29.38	25.09	27.91	28.07	26.29
Average	25.38	22.98	25.24	22.10	26.46	24.92	26.32	21.92	24.29	23.93	23.97
2003 January	^R 33.28	^R 27.91	34.11	^R 28.71	33.40	^R 30.56	32.89	29.38	^R 30.22	^R 30.79	29.99
February	^R 35.83	^R 30.10	36.79	^R 29.28	^R 35.65	^R 30.26	^R 34.74	^R 31.04	^R 30.74	^R 31.45	^R 31.93
March	32.41	30.00	32.77	26.30	36.24	28.05	31.41	26.76	28.83	29.42	29.54

^a Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

^b Current members are Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela. Ecuador withdrew at the end of 1992 and Gabon withdrew at the end of 1994.

^c Based on October, November, and December data only.

^d No data reported.

^R=Revised. NA=Not available. W=Value withheld to avoid disclosure of individual company data.

Notes: • See Note 3 at end of section. • Values for the current 2 months are preliminary. • Prices through 1980 reflect the period of reporting; prices since then reflect the period of loading. • Annual averages are averages of

the monthly prices, including prices not published, weighted by volume.

• Cargoes that are purchased on a "netback" basis, or under similar contractual arrangements whereby the actual purchase price is not established at the time the crude oil is acquired for importation into the United States, are not included in the published data until the actual prices have been determined and reported. • U.S. geographic coverage is the 50 States and the District of Columbia.

Web Page: <http://www.eia.doe.gov/emeu/mer/prices.html>.

Sources: • **October 1973-September 1977:** Federal Energy Administration, Form FEA-F701-M-0, "Transfer Pricing Report." • **October 1977-December 1977:** Energy Information Administration (EIA), Form FEA-F701-M-0, "Transfer Pricing Report." • **1978 forward:** EIA, *Petroleum Marketing Monthly*, June 2003, Table 25.

Table 9.4 Motor Gasoline Retail Prices, U.S. City Average
(Cents per Gallon, Including Taxes)

	Leaded Regular	Unleaded Regular	Unleaded Premium	All Types ^a
1973 Average	38.8	NA	NA	NA
1974 Average	53.2	NA	NA	NA
1975 Average	56.7	NA	NA	NA
1976 Average	59.0	61.4	NA	NA
1977 Average	62.2	65.6	NA	NA
1978 Average	62.6	67.0	NA	65.2
1979 Average	85.7	90.3	NA	88.2
1980 Average	119.1	124.5	NA	122.1
1981 Average ^b	131.1	137.8	^c 147.0	135.3
1982 Average	122.2	129.6	141.5	128.1
1983 Average	115.7	124.1	138.3	122.5
1984 Average	112.9	121.2	136.6	119.8
1985 Average	111.5	120.2	134.0	119.6
1986 Average	85.7	92.7	108.5	93.1
1987 Average	89.7	94.8	109.3	95.7
1988 Average	89.9	94.6	110.7	96.3
1989 Average	99.8	102.1	119.7	106.0
1990 Average	114.9	116.4	134.9	121.7
1991 Average	NA	114.0	132.1	119.6
1992 Average	NA	112.7	131.6	119.0
1993 Average	NA	110.8	130.2	117.3
1994 Average	NA	111.2	130.5	117.4
1995 Average	NA	114.7	133.6	120.5
1996 Average	NA	123.1	141.3	128.8
1997 Average	NA	123.4	141.6	129.1
1998 Average	NA	105.9	125.0	111.5
1999 Average	NA	116.5	135.7	122.1
2000 Average	NA	151.0	169.3	156.3
2001 January	NA	147.2	165.7	152.5
February	NA	148.4	167.1	153.8
March	NA	144.7	163.8	150.3
April	NA	156.4	174.8	161.7
May	NA	172.9	193.4	181.2
June	NA	164.0	188.1	173.1
July	NA	148.2	169.5	156.5
August	NA	142.7	163.6	150.9
September	NA	153.1	172.6	160.9
October	NA	136.2	156.0	144.2
November	NA	126.3	142.7	132.4
December	NA	113.1	131.2	120.0
Average	NA	146.1	165.7	153.1
2002 January	NA	113.9	132.3	120.9
February	NA	113.0	133.0	121.0
March	NA	124.1	145.0	132.4
April	NA	140.7	162.2	149.3
May	NA	142.1	162.5	150.8
June	NA	140.4	160.6	148.9
July	NA	141.2	160.7	149.6
August	NA	142.3	162.0	150.8
September	NA	142.2	161.9	150.7
October	NA	144.9	164.3	153.5
November	NA	144.8	164.3	153.4
December	NA	139.4	158.9	147.7
Average	NA	135.8	157.8	144.1
2003 January	NA	147.3	166.6	155.7
February	NA	164.1	182.8	168.6
March	NA	174.8	192.4	179.1
April	NA	165.9	184.6	170.4

^a Also includes types of motor gasoline not shown separately.

^b In September 1981, the Bureau of Labor Statistics changed the weights used in the calculation of average motor gasoline prices. From September 1981 forward, gasohol is included in the average for all types, and unleaded premium is weighted more heavily.

^c Based on September through December data only.

NA=Not available.

Notes: • See Note 5 at end of section. • Geographic coverage for

1973-1977 is 56 urban areas. Geographic coverage for 1978 forward is 85 urban areas.

Web Page: <http://www.eia.doe.gov/emeu/mer/prices.html>.

Sources: • **Monthly Data:** U.S. Department of Labor, Bureau of Labor Statistics, *Consumer Prices: Energy*. • **Annual Data: 1973—Platt's Oil Price Handbook and Oilmanac**, 1974, 51st Edition. **1974 forward**—calculated by the Energy Information Administration as the simple averages of monthly data.

Table 9.5 Refiner Prices of Residual Fuel Oil
(Cents per Gallon, Excluding Taxes)

	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Average	
	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users
1978 Average	29.3	31.4	24.5	27.5	26.3	29.8
1979 Average	45.0	46.8	36.6	38.9	39.9	43.6
1980 Average	60.8	67.5	47.9	52.3	52.8	60.7
1981 Average	74.8	82.9	62.2	67.3	66.3	75.6
1982 Average	69.5	74.7	57.2	61.1	61.2	67.6
1983 Average	64.3	69.5	59.1	61.1	60.9	65.1
1984 Average	68.5	72.0	63.9	65.9	65.4	68.7
1985 Average	61.0	64.4	56.0	58.2	57.7	61.0
1986 Average	32.8	37.2	28.9	31.7	30.5	34.3
1987 Average	41.2	44.7	36.2	39.6	38.5	42.3
1988 Average	33.3	37.2	27.1	30.0	30.0	33.4
1989 Average	40.7	43.6	33.1	34.4	36.0	38.5
1990 Average	47.2	50.5	37.2	40.0	41.3	44.4
1991 Average	36.4	40.2	29.2	30.6	31.4	34.0
1992 Average	35.1	38.9	28.6	31.2	30.8	33.6
1993 Average	33.7	39.7	25.6	30.3	29.3	33.7
1994 Average	34.5	40.1	28.7	33.0	31.7	35.2
1995 Average	38.3	43.6	33.8	37.7	36.3	39.2
1996 Average	45.6	52.6	38.9	43.3	42.0	45.5
1997 Average	41.5	48.8	36.6	40.3	38.7	42.3
1998 Average	29.9	35.4	26.9	28.7	28.0	30.5
1999 Average	38.2	40.5	32.9	36.2	35.4	37.4
2000 Average	62.7	70.8	51.2	56.6	56.6	60.2
2001 January	64.6	74.0	48.5	55.9	56.4	61.5
February	62.5	69.7	49.5	55.1	55.9	59.5
March	57.6	66.6	47.8	52.9	51.8	57.1
April	57.5	64.0	41.8	48.9	48.3	53.0
May	58.4	63.9	44.2	50.2	50.3	53.5
June	53.0	64.1	42.4	49.0	47.9	52.4
July	50.0	63.2	42.2	47.2	46.3	51.5
August	50.4	59.7	41.3	48.0	45.7	51.0
September	51.2	62.2	44.9	51.2	48.9	53.3
October	44.8	59.2	40.0	46.6	42.4	49.2
November	40.5	52.3	31.9	40.2	36.9	42.8
December	40.0	51.2	30.7	39.6	36.3	42.0
Average	52.3	64.2	42.8	49.2	47.6	53.1
2002 January	40.8	50.8	33.7	41.8	38.5	44.4
February	38.0	51.2	33.7	41.0	36.6	43.3
March	45.7	53.2	39.6	48.1	43.8	49.5
April	53.2	59.1	47.8	55.0	51.1	55.8
May	56.3	64.0	52.1	56.6	54.5	58.1
June	53.7	63.5	52.7	57.1	53.3	58.4
July	55.8	63.9	50.7	56.8	53.8	58.6
August	60.6	67.4	55.3	59.2	58.2	61.4
September	60.1	67.8	56.3	62.6	58.5	63.8
October	64.5	72.7	55.0	63.6	60.7	65.8
November	58.9	73.6	59.3	54.6	59.0	60.0
December	67.6	73.9	59.5	56.6	64.0	62.0
Average	54.4	63.9	50.7	54.4	52.9	56.8
2003 January	79.5	86.1	NA	70.9	72.2	75.4
February	^R 93.9	95.6	^R 74.8	77.0	^R 85.8	83.8
March	88.0	97.6	63.7	72.3	75.7	81.5

R=Revised. NA=Not available.

Notes: • Sales for resale are those made to purchasers other than ultimate consumers. Sales to end users are those made directly to ultimate consumers, including bulk consumers (such as agriculture, industry, and electric utilities) and commercial consumers. • Values for the current month

are preliminary. • Prices prior to 1983 are Energy Information Administration (EIA) estimates. See Note 6 at end of section. • Geographic coverage is the 50 States and the District of Columbia.

Web Page: <http://www.eia.doe.gov/emeu/mer/prices.html>.

Source: EIA, *Petroleum Marketing Monthly*, June 2003, Table 19.

Table 9.6 Refiner Prices of Petroleum Products for Resale
(Cents per Gallon, Excluding Taxes)

	Finished Motor Gasoline ^a	Finished Aviation Gasoline	Kerosene- Type Jet Fuel	Kerosene	No. 2 Fuel Oil	No. 2 Diesel Fuel	Propane (Consumer Grade)
1978 Average	43.4	53.7	38.6	40.4	36.9	36.5	23.7
1979 Average	63.7	72.1	66.0	62.4	56.9	57.4	29.1
1980 Average	94.1	112.8	86.8	86.4	80.3	80.1	41.5
1981 Average	106.4	125.0	101.2	106.6	97.6	97.2	46.6
1982 Average	97.3	122.8	95.3	101.8	91.4	91.4	42.7
1983 Average	88.2	117.8	85.4	89.2	81.5	80.8	48.4
1984 Average	83.2	116.5	83.0	91.6	82.1	80.3	45.0
1985 Average	83.5	113.0	79.4	87.4	77.6	77.2	39.8
1986 Average	53.1	91.2	49.5	60.6	48.6	45.2	29.0
1987 Average	58.9	85.9	53.8	59.2	52.7	53.4	25.2
1988 Average	57.7	85.0	49.5	54.9	47.3	47.3	24.0
1989 Average	65.4	95.0	58.3	66.9	56.5	56.7	24.7
1990 Average	78.6	106.3	77.3	83.9	69.7	69.4	38.6
1991 Average	69.9	100.1	65.0	72.2	62.2	61.5	34.9
1992 Average	67.7	99.1	60.5	63.2	57.9	59.1	32.8
1993 Average	62.6	96.5	57.7	60.4	54.4	57.0	35.1
1994 Average	59.9	93.3	53.4	61.8	50.6	52.9	32.4
1995 Average	62.6	97.5	53.9	58.0	51.1	53.8	34.4
1996 Average	71.3	105.5	64.6	71.4	63.9	65.9	46.1
1997 Average	70.0	106.5	61.3	65.3	59.0	60.6	41.6
1998 Average	52.6	91.2	45.0	46.5	42.2	44.4	28.8
1999 Average	64.5	100.7	53.3	55.0	49.3	54.6	34.2
2000 Average	96.3	133.0	88.0	96.9	88.6	89.8	59.5
2001 January	94.1	131.0	88.3	106.4	90.0	90.6	86.4
February	93.8	132.0	87.1	93.4	82.4	85.9	66.9
March	91.0	129.3	80.5	83.6	76.2	78.1	60.1
April	106.3	140.5	79.6	83.0	79.1	82.6	58.5
May	115.3	147.0	83.5	86.6	82.3	89.9	56.2
June	98.5	135.0	82.7	82.6	79.0	85.4	48.7
July	84.0	120.9	75.7	74.7	72.7	75.6	43.5
August	90.6	125.9	77.4	81.3	76.6	80.9	45.3
September	94.1	132.0	80.2	80.1	78.7	84.2	46.4
October	74.0	109.7	67.8	73.1	68.2	71.3	46.0
November	63.4	100.5	61.9	63.5	60.6	61.5	41.6
December	58.3	94.9	55.3	58.6	56.6	54.7	38.1
Average	88.6	125.6	76.3	82.1	75.6	78.4	54.0
2002 January	61.1	96.5	57.3	62.1	57.5	54.6	37.6
February	62.7	98.5	57.4	60.9	57.7	56.8	36.6
March	78.1	103.2	64.2	69.2	64.6	66.7	39.9
April	86.8	116.5	69.5	69.9	68.3	70.9	41.7
May	85.9	114.4	69.6	71.1	68.4	70.6	40.8
June	85.6	116.7	67.9	69.4	65.8	68.2	37.9
July	87.8	118.9	71.5	73.2	68.7	71.0	37.5
August	87.4	115.5	74.0	76.4	71.3	75.7	41.5
September	88.9	119.2	81.6	87.4	78.3	83.6	47.0
October	93.4	123.8	83.8	88.8	79.6	86.1	48.9
November	84.9	118.4	74.9	82.3	74.8	78.7	49.4
December	85.9	113.2	79.9	87.9	80.8	82.0	53.2
Average	82.8	113.7	71.3	75.7	69.3	72.4	43.1
2003 January	94.6	124.9	89.5	97.8	89.5	89.2	60.5
February	^R 110.0	^R 130.2	^R 102.8	^R 118.6	107.8	^R 108.1	^R 72.8
March	113.0	135.4	104.1	115.6	104.5	103.2	69.2

^a See Note 5 at end of section.

R=Revised.

Notes: • Sales for resale are those made to purchasers other than ultimate consumers. Sales to end users are shown in Table 9.7; they are sales made directly to ultimate consumers, including bulk consumers (such as agriculture, industry, and electric utilities) and residential and commercial

consumers. • Values for the current month are preliminary. • Prices prior to 1983 are Energy Information Administration (EIA) estimates. See Note 6 at end of section. • Geographic coverage is the 50 States and the District of Columbia.

Web Page: <http://www.eia.doe.gov/emeu/mer/prices.html>.

Source: EIA, *Petroleum Marketing Monthly*, June 2003, Table 4.

Table 9.7 Refiner Prices of Petroleum Products to End Users
(Cents per Gallon, Excluding Taxes)

	Finished Motor Gasoline ^a	Finished Aviation Gasoline	Kerosene- Type Jet Fuel	Kerosene	No. 2 Fuel Oil	No. 2 Diesel Fuel	Propane (Consumer Grade)
1978 Average	48.4	51.6	38.7	42.1	40.0	37.7	33.5
1979 Average	71.3	68.9	54.7	58.5	51.6	58.5	35.7
1980 Average	103.5	108.4	86.8	90.2	78.8	81.8	48.2
1981 Average	114.7	130.3	102.4	112.3	91.4	99.5	56.5
1982 Average	106.0	131.2	96.3	108.9	90.5	94.2	59.2
1983 Average	95.4	125.5	87.8	96.1	91.6	82.6	70.9
1984 Average	90.7	123.4	84.2	103.6	91.6	82.3	73.7
1985 Average	91.2	120.1	79.6	103.0	84.9	78.9	71.7
1986 Average	62.4	101.1	52.9	79.0	56.0	47.8	74.5
1987 Average	66.9	90.7	54.3	77.0	58.1	55.1	70.1
1988 Average	67.3	89.1	51.3	73.8	54.4	50.0	71.4
1989 Average	75.6	99.5	59.2	70.9	58.7	58.5	61.5
1990 Average	88.3	112.0	76.6	92.3	73.4	72.5	74.5
1991 Average	79.7	104.7	65.2	83.8	66.5	64.8	73.0
1992 Average	78.7	102.7	61.0	78.8	62.7	61.9	64.3
1993 Average	75.9	99.0	58.0	75.4	60.2	60.2	67.3
1994 Average	73.8	95.7	53.4	66.0	57.2	55.4	53.0
1995 Average	76.5	100.5	54.0	58.9	56.2	56.0	49.2
1996 Average	84.7	111.6	65.1	74.0	67.3	68.1	60.5
1997 Average	83.9	112.8	61.3	74.5	63.6	64.2	55.2
1998 Average	67.3	97.5	45.2	50.1	48.2	49.4	40.5
1999 Average	78.1	105.9	54.3	60.5	55.8	58.4	45.8
2000 Average	110.6	130.6	89.9	112.3	92.7	93.5	60.3
2001 January	106.8	128.5	88.3	126.0	99.6	96.2	82.3
February	106.7	129.2	87.0	122.1	94.3	91.9	67.0
March	103.9	124.5	81.1	112.8	86.6	84.2	57.6
April	117.7	134.9	80.2	100.6	86.1	86.3	57.0
May	130.1	150.9	84.0	94.1	90.1	93.0	54.3
June	120.7	145.1	83.6	93.8	84.8	90.6	50.5
July	103.2	134.6	76.8	83.4	78.1	81.4	45.1
August	102.5	136.3	77.8	84.2	82.1	84.6	46.3
September	109.2	142.4	82.4	94.9	88.8	89.5	43.7
October	89.9	125.3	67.5	94.2	72.4	77.2	44.7
November	76.9	119.4	62.5	100.9	65.8	68.5	43.5
December	68.5	115.8	55.6	98.1	62.7	60.9	40.2
Average	103.2	132.3	77.5	104.5	82.9	84.2	50.6
2002 January	70.7	121.2	58.1	98.3	63.6	60.5	38.1
February	71.8	118.5	58.4	97.7	62.3	61.5	35.1
March	87.3	125.2	64.3	99.3	70.1	70.1	39.5
April	100.4	133.4	70.0	NA	72.0	75.3	41.7
May	99.9	128.4	70.9	91.5	70.9	75.4	40.5
June	99.1	127.3	68.8	83.8	67.6	73.7	37.9
July	100.3	139.1	72.2	80.6	70.7	75.6	38.4
August	100.1	136.1	75.2	79.8	73.4	79.4	41.5
September	100.2	139.1	82.8	NA	81.8	86.7	46.9
October	104.0	140.3	84.8	110.2	81.8	89.1	47.1
November	101.2	138.5	76.9	103.8	80.0	83.9	46.9
December	98.1	139.8	81.3	115.2	87.5	85.9	49.9
Average	94.7	131.7	72.2	98.5	73.7	76.2	41.9
2003 January	106.0	139.7	91.5	121.0	96.3	93.3	57.4
February	^R 122.1	^R W	^R 101.8	^R 137.4	^R 113.5	^R 110.2	69.6
March	129.9	W	104.5	138.7	109.9	113.0	67.3

^a See Note 5 at end of section.

R=Revised. NA=Not available. W=Value withheld to avoid disclosure of individual company data.

Notes: • Sales to end users are those made directly to ultimate consumers, including bulk consumers (such as agriculture, industry, and electric utilities) and residential and commercial consumers. Sales for resale are shown in Table 9.6; they are sales made to purchasers other than

ultimate consumers. • Values for the current month are preliminary. • Prices prior to 1983 are Energy Information Administration (EIA) estimates. See Note 6 at end of section. • Geographic coverage is the 50 States and the District of Columbia.

Web Page: <http://www.eia.doe.gov/emeu/mer/prices.html>.

Source: EIA, *Petroleum Marketing Monthly*, June 2003, Table 2.

Table 9.8a No. 2 Distillate Prices to Residences: Northeastern States
(Cents per Gallon, Excluding Taxes)

	Maine	New Hampshire	Vermont	Massachusetts	Rhode Island	Connecticut	New York	New Jersey	Pennsylvania
1978 Average	48.6	50.3	50.8	48.8	50.7	50.1	50.1	49.6	48.8
1979 Average	68.8	72.5	72.5	70.9	72.8	72.0	71.2	71.0	69.8
1980 Average	96.3	100.4	101.5	97.8	101.1	98.3	98.2	97.9	96.4
1981 Average	120.4	123.7	125.4	121.3	123.8	121.7	123.2	121.5	118.1
1982 Average	115.5	117.4	120.1	117.6	120.1	118.3	120.5	117.4	113.7
1983 Average	102.8	104.1	112.9	109.1	110.5	109.1	112.1	107.9	105.8
1984 Average	103.9	108.4	111.9	111.6	111.4	112.1	115.5	111.0	107.9
1985 Average	99.7	102.4	107.7	107.0	106.7	108.0	111.3	105.9	102.3
1986 Average	74.4	75.9	86.6	82.1	82.8	89.0	91.1	90.2	81.4
1987 Average	74.7	76.5	81.1	80.6	82.5	83.4	85.2	84.3	76.9
1988 Average	77.7	78.2	82.6	82.1	83.6	85.3	86.3	84.8	77.8
1989 Average	89.4	89.3	90.5	92.6	93.9	92.9	95.8	91.8	85.1
1990 Average	98.9	102.8	107.0	108.4	108.6	109.8	112.5	108.7	102.6
1991 Average	96.0	91.6	101.9	103.0	99.9	106.2	111.3	104.0	99.7
1992 Average	87.1	85.6	92.1	92.5	91.2	94.7	102.8	93.9	89.0
1993 Average	82.6	82.8	90.4	89.7	89.3	91.9	100.1	92.4	86.3
1994 Average	81.8	79.2	87.6	87.0	88.5	89.0	96.6	89.5	85.7
1995 Average	78.7	77.9	85.3	84.4	87.4	86.4	95.5	88.8	82.6
1996 Average	97.2	94.0	96.9	97.6	98.6	98.6	106.3	102.4	95.3
1997 Average	94.2	94.2	98.7	96.0	98.9	96.3	106.5	103.3	95.0
1998 Average	78.8	78.8	87.3	81.8	86.8	83.1	94.8	89.2	81.4
1999 Average	81.3	77.0	85.4	83.6	85.8	85.2	96.9	91.3	81.5
2000 Average	129.7	128.1	125.5	127.3	125.9	129.1	144.2	140.4	122.4
2001 January	132.5	134.9	132.8	132.7	133.9	136.8	147.7	146.3	133.1
February	129.5	133.3	130.8	129.5	129.4	132.0	143.5	140.6	127.9
March	125.6	130.1	129.1	125.6	125.5	129.0	139.9	133.8	121.5
April	122.9	126.7	128.0	124.3	124.1	127.2	139.6	131.8	116.8
May	121.8	124.5	124.8	122.7	122.4	125.1	137.3	130.8	111.1
June	121.6	125.5	125.0	119.8	121.6	119.1	133.2	128.7	105.7
July	117.8	121.2	122.7	113.8	117.2	113.1	126.9	123.2	101.0
August	115.2	118.9	121.9	113.5	118.0	110.8	127.2	118.3	103.6
September	118.7	118.4	123.0	115.9	119.7	116.2	129.1	120.0	104.9
October	114.6	117.6	121.1	113.4	117.4	113.4	125.9	118.0	102.6
November	110.2	114.8	118.9	109.9	113.9	109.2	123.3	114.2	101.2
December	108.7	114.2	117.3	106.9	111.3	107.4	119.8	112.2	99.7
Average	121.7	125.6	126.1	122.1	123.6	123.9	136.3	131.4	115.9
2002 January	109.6	113.2	117.4	107.5	112.1	108.4	121.7	113.9	103.3
February	108.7	114.1	117.2	106.9	110.9	106.7	121.0	113.5	100.7
March	112.2	109.6	116.2	111.0	107.7	109.3	119.0	117.0	104.8
April	111.8	108.8	117.6	113.8	112.0	109.7	120.0	120.0	106.2
May	111.8	108.4	118.1	113.6	109.8	109.2	117.6	118.9	104.2
June	110.9	104.7	114.3	110.6	105.7	110.5	115.9	116.5	102.9
July	109.7	101.3	111.5	111.1	105.6	106.7	114.4	113.4	95.3
August	107.7	102.2	112.1	112.4	107.8	107.6	NA	115.2	95.8
September	111.3	106.0	115.0	113.7	110.6	111.1	116.6	120.7	101.8
October	116.6	111.4	118.0	116.2	110.5	112.4	119.4	123.7	106.6
November	115.8	113.4	118.0	118.5	114.4	115.5	125.0	127.6	110.6
December	119.3	118.1	120.4	125.0	120.8	121.5	130.1	135.3	117.4
Average	112.9	111.8	117.2	114.1	112.4	111.9	121.8	121.9	106.4
2003 January	127.9	127.4	126.5	135.4	132.3	130.9	138.7	146.5	127.5
February	142.5	^R 145.0	138.9	^R 153.8	^R 151.8	^R 149.7	^R 156.1	^R 167.4	^R 147.7
March	146.3	148.3	143.8	154.6	151.2	152.4	160.4	172.5	154.0

R=Revised. NA=Not available.

Notes: • States are grouped in Tables 9.8a, 9.8b, and 9.8c by geographic region of the country. • Values for the current month are preliminary. • Prices prior to 1983 are Energy Information Administration (EIA) estimates.

See Note 6 at end of section.

Web Page: <http://www.eia.doe.gov/emeu/mer/prices.html>.

Source: EIA, *Petroleum Marketing Monthly*, June 2003, Table 18.

Table 9.8b No. 2 Distillate Prices to Residences: Selected South Atlantic and Midwestern States

(Cents per Gallon, Excluding Taxes)

	Delaware	District of Columbia	Maryland	Virginia	West Virginia	Ohio	Michigan	Indiana	Illinois	Wisconsin	Minnesota
1978 Average	47.8	50.7	49.2	49.1	46.2	47.4	47.9	48.5	46.5	44.7	47.8
1979 Average	68.2	74.2	70.1	70.4	65.1	68.6	70.9	72.7	68.8	67.3	72.4
1980 Average	95.4	102.6	97.9	98.5	92.2	91.9	97.8	99.6	95.8	91.5	99.9
1981 Average	117.3	127.4	121.4	120.5	115.0	113.2	118.3	118.5	114.9	109.1	118.4
1982 Average	111.3	124.5	117.1	117.7	109.3	110.2	113.9	114.3	110.9	107.8	115.1
1983 Average	106.0	117.0	110.3	108.7	101.0	101.3	106.4	100.7	100.4	101.2	103.1
1984 Average	109.6	118.7	113.5	110.5	102.1	102.1	105.0	103.1	100.1	101.0	104.1
1985 Average	104.6	114.3	108.8	106.3	98.0	99.7	102.1	99.1	97.5	98.3	101.9
1986 Average	85.0	93.1	91.4	86.6	74.6	77.7	81.0	74.8	NA	75.6	79.2
1987 Average	79.3	91.8	86.6	79.5	76.4	74.7	77.5	75.4	79.8	75.1	74.6
1988 Average	80.1	91.6	87.0	80.5	74.2	74.7	77.5	75.4	77.6	73.9	73.5
1989 Average	88.2	98.6	93.8	87.0	83.0	81.6	85.3	83.2	80.9	81.1	82.4
1990 Average	105.8	107.8	111.9	110.6	99.1	98.1	100.9	99.3	96.1	94.2	101.4
1991 Average	99.7	112.2	108.4	101.1	93.4	91.0	94.2	91.8	92.7	89.5	91.1
1992 Average	92.3	105.7	100.0	92.8	86.4	83.6	87.2	81.2	87.7	81.6	82.6
1993 Average	89.9	104.5	98.1	89.3	85.6	84.0	87.2	81.0	84.4	82.3	83.2
1994 Average	89.4	100.0	95.0	85.3	80.9	81.2	86.3	81.2	78.4	81.1	80.6
1995 Average	87.0	101.0	93.6	84.4	81.5	80.8	86.0	81.6	78.5	81.2	80.1
1996 Average	98.4	117.8	106.3	95.2	96.0	92.1	97.7	91.2	89.3	89.9	90.9
1997 Average	98.4	117.4	105.7	94.8	96.2	91.3	94.2	86.5	87.0	93.3	89.9
1998 Average	85.8	102.2	90.2	85.6	81.8	76.7	80.4	74.8	73.5	80.1	73.8
1999 Average	88.4	101.1	90.7	87.0	78.9	82.0	88.3	79.3	71.6	84.7	77.4
2000 Average	127.0	W	135.1	126.9	125.1	122.0	NA	120.7	109.5	117.1	115.6
2001 January	139.8	W	150.3	141.4	137.1	131.7	NA	127.0	122.7	128.1	124.9
February	137.6	W	146.5	133.4	127.3	126.9	NA	123.1	118.9	126.6	120.4
March	129.3	W	140.8	122.8	119.1	117.4	NA	114.1	115.7	120.1	114.7
April	123.2	W	137.2	117.4	117.1	117.5	NA	112.3	NA	119.3	118.0
May	113.3	W	128.7	112.8	113.7	120.5	NA	117.8	111.3	121.9	118.7
June	110.8	W	123.2	112.7	112.5	112.9	NA	109.8	105.6	117.1	114.0
July	102.0	W	116.9	106.6	104.5	104.7	NA	102.9	102.2	110.6	106.4
August	101.5	W	117.0	107.6	109.3	110.4	NA	111.7	111.8	117.6	115.4
September	106.2	W	120.0	110.4	112.0	119.1	136.4	118.0	118.3	122.1	116.3
October	NA	W	117.7	106.9	104.3	108.4	122.1	108.3	109.5	112.8	105.5
November	110.3	W	117.1	102.4	NA	100.8	112.0	98.2	98.2	106.1	99.9
December	108.8	W	114.3	97.8	95.5	95.0	108.3	93.4	91.7	96.5	91.0
Average	123.4	143.1	134.2	120.2	113.9	116.0	NA	113.3	112.1	118.0	112.2
2002 January	114.2	W	115.8	101.7	96.8	94.2	102.6	91.9	86.7	96.8	91.5
February	111.0	W	115.1	99.9	95.7	94.3	102.4	95.7	84.2	95.6	91.9
March	113.0	W	117.6	101.6	99.5	101.3	103.6	93.8	83.9	100.3	94.0
April	117.3	129.2	119.1	99.9	101.2	103.1	106.5	94.9	84.6	105.1	101.9
May	106.2	NA	114.2	96.4	102.0	101.4	106.3	W	82.9	106.5	100.7
June	100.5	111.5	111.5	96.4	101.6	97.4	107.1	W	NA	101.7	101.8
July	98.5	W	109.4	97.3	101.7	95.8	107.4	W	96.6	103.7	101.8
August	99.7	W	110.9	99.5	102.5	100.5	108.0	W	NA	103.3	105.3
September	111.2	W	116.4	102.5	107.2	107.1	113.9	W	101.2	111.7	111.0
October	114.8	129.2	120.1	108.0	111.2	114.2	121.3	W	106.7	118.0	116.6
November	119.8	W	124.7	110.3	113.9	115.6	122.5	114.1	112.6	120.2	114.9
December	129.0	W	131.3	119.0	120.9	119.5	124.9	121.0	NA	121.5	116.9
Average	116.5	W	120.1	104.9	105.4	105.8	111.2	102.5	98.0	107.2	105.2
2003 January	138.4	W	141.4	130.5	131.7	129.4	130.7	130.3	125.0	127.1	122.0
February	161.7	W	159.9	^R 146.4	155.5	^R 144.8	148.5	146.7	^R 134.9	137.0	^R 136.5
March	NA	W	166.3	142.5	155.9	141.2	149.2	142.4	130.1	NA	136.7

R=Revised. NA=Not available. W=Value withheld to avoid disclosure of individual company data.

Notes: • States are grouped in Tables 9.8a, 9.8b, and 9.8c by geographic region of the country. • Values for the current month are preliminary.

• Prices prior to 1983 are Energy Information Administration (EIA) estimates. See Note 6 at end of section.

Web Page: <http://www.eia.doe.gov/emeu/mer/prices.html>.

Source: EIA, *Petroleum Marketing Monthly*, June 2003, Table 18.

Table 9.8c No. 2 Distillate Prices to Residences: Selected Western States and U.S. Average

(Cents per Gallon, Excluding Taxes)

	Idaho	Washington	Oregon	Alaska	U.S. Average
1978 Average	43.6	48.6	45.8	53.2	49.0
1979 Average	62.1	69.7	68.0	68.2	70.4
1980 Average	91.6	100.8	97.3	97.8	97.4
1981 Average	110.4	116.5	111.4	118.0	119.4
1982 Average	110.4	117.6	111.6	117.4	116.0
1983 Average	101.8	109.0	103.6	108.8	107.8
1984 Average	98.5	102.6	99.3	106.9	109.1
1985 Average	97.2	101.1	97.1	108.3	105.3
1986 Average	73.8	77.5	70.4	94.9	83.6
1987 Average	68.8	79.5	72.5	86.5	80.3
1988 Average	68.8	78.5	70.9	86.9	81.3
1989 Average	77.8	87.4	80.2	96.4	90.0
1990 Average	97.4	102.9	97.0	110.1	106.3
1991 Average	95.1	101.6	93.3	105.0	101.9
1992 Average	85.7	94.0	87.6	94.1	93.4
1993 Average	86.2	99.9	91.8	96.1	91.1
1994 Average	78.9	95.0	88.7	86.5	88.4
1995 Average	83.9	96.2	89.4	83.4	86.7
1996 Average	93.3	108.0	98.9	90.9	98.9
1997 Average	95.3	113.9	103.1	97.3	98.4
1998 Average	78.4	97.8	86.1	85.2	85.2
1999 Average	76.2	106.5	93.8	96.6	87.6
2000 Average	117.0	144.5	136.8	133.7	131.1
2001 January	120.8	144.0	134.3	NA	138.6
February	114.0	145.4	134.4	147.5	134.3
March	109.4	141.9	129.7	NA	129.4
April	110.1	141.8	130.3	NA	127.3
May	114.0	144.6	133.8	145.6	124.9
June	111.9	141.3	130.0	140.6	120.3
July	100.3	122.7	115.4	131.8	113.6
August	101.2	119.0	116.8	124.6	114.3
September	107.7	127.9	120.6	NA	117.5
October	100.2	NA	111.0	131.1	114.2
November	90.2	118.1	103.6	125.7	111.0
December	75.8	110.2	95.0	119.9	108.0
Average	103.8	133.6	121.1	137.7	125.0
2002 January	74.7	109.2	93.6	114.0	109.7
February	74.5	108.6	94.3	114.5	108.6
March	79.2	118.2	104.4	110.4	109.9
April	87.1	124.5	108.0	111.8	111.2
May	82.5	125.3	107.6	108.4	108.9
June	79.1	122.2	104.3	105.8	104.9
July	87.5	118.5	NA	102.6	102.9
August	89.9	117.0	108.2	108.1	103.8
September	96.6	124.2	115.6	110.0	109.9
October	102.6	128.6	118.6	110.6	114.6
November	103.2	131.3	119.4	113.0	117.9
December	103.0	131.2	118.1	114.6	123.8
Average	89.1	121.4	106.3	109.4	112.8
2003 January	107.2	137.1	124.5	116.7	133.3
February	^R 126.5	^R 156.1	^R 144.6	121.1	^R 150.7
March	138.8	179.5	158.8	137.4	153.9

R=Revised. NA=Not available.

Notes: • States are grouped in Tables 9.8a, 9.8b, and 9.8c by geographic region of the country. • Values for the current month are preliminary. • Prices prior to 1983 are Energy Information Administration (EIA) estimates.

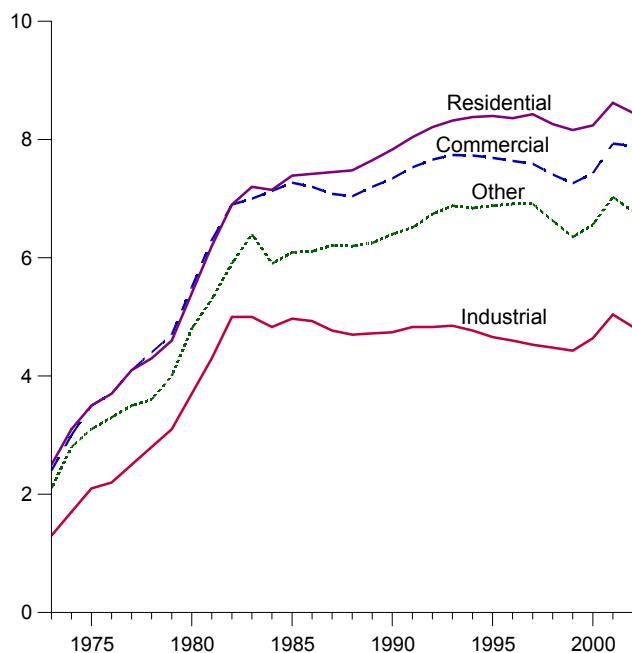
See Note 6 at end of section.

Web Page: <http://www.eia.doe.gov/emeu/mer/prices.html>.

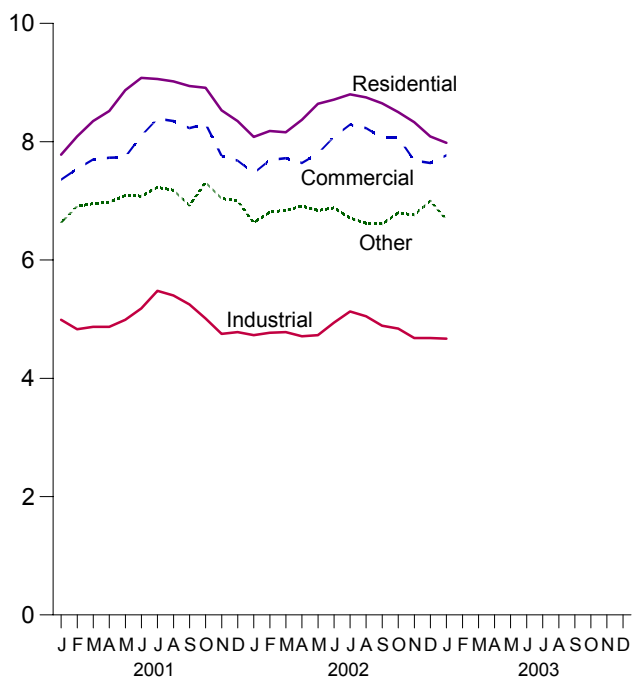
Source: EIA, *Petroleum Marketing Monthly*, June 2003, Table 18.

Figure 9.2 Average Retail Prices of Electricity
(Cents per Kilowatthour)

By Sector, 1973-2002



By Sector, Monthly



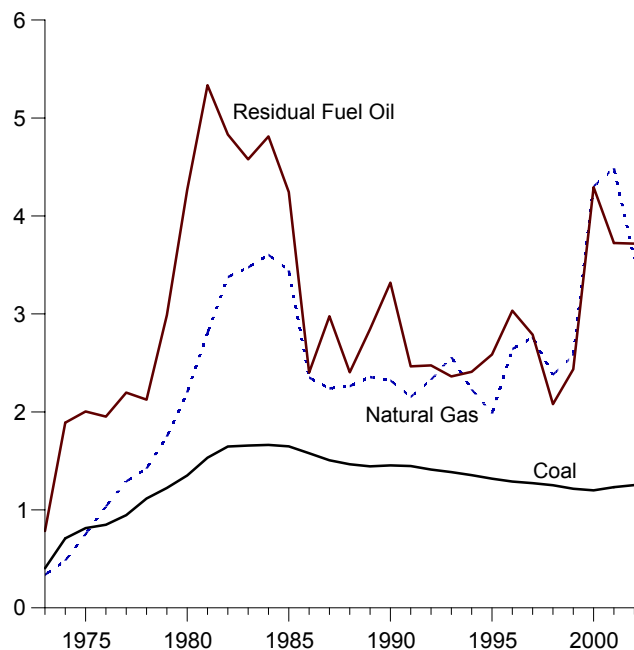
Note: Excludes taxes.

Web Page: <http://www.eia.doe.gov/emeu/mer/prices.html>.

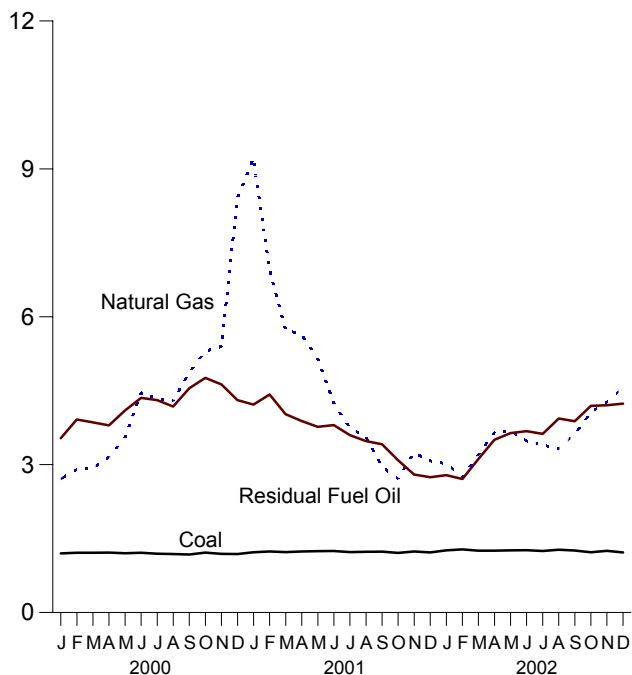
Source: Table 9.9.

Figure 9.3 Cost of Fossil-Fuel Receipts at Electric Generating Plants
(Dollars per Million Btu)

Costs, 1973-2002



Costs, Monthly



Note: Because vertical scales differ, graphs should not be compared.

Web Page: <http://www.eia.doe.gov/emeu/mer/prices.html>.

Source: Table 9.10.

Table 9.9 Average Retail Prices of Electricity
(Cents per Kilowatthour, Excluding Taxes)

	Residential	Commercial	Industrial	Other ^a	Total
1973 Average	2.5	2.4	1.3	2.1	2.0
1974 Average	3.1	3.0	1.7	2.8	2.5
1975 Average	3.5	3.5	2.1	3.1	2.9
1976 Average	3.7	3.7	2.2	3.3	3.1
1977 Average	4.1	4.1	2.5	3.5	3.4
1978 Average	4.3	4.4	2.8	3.6	3.7
1979 Average	4.6	4.7	3.1	4.0	4.0
1980 Average	5.4	5.5	3.7	4.8	4.7
1981 Average	6.2	6.3	4.3	5.3	5.5
1982 Average	6.9	6.9	5.0	5.9	6.1
1983 Average	7.2	7.0	5.0	6.4	6.3
1984 Average	7.15	7.13	4.83	5.90	6.25
1985 Average	7.39	7.27	4.97	6.09	6.44
1986 Average	7.42	7.20	4.93	6.11	6.44
1987 Average	7.45	7.08	4.77	6.21	6.37
1988 Average	7.48	7.04	4.70	6.20	6.35
1989 Average	7.65	7.20	4.72	6.25	6.45
1990 Average	7.83	7.34	4.74	6.40	6.57
1991 Average	8.04	7.53	4.83	6.51	6.75
1992 Average	8.21	7.66	4.83	6.74	6.82
1993 Average	8.32	7.74	4.85	6.88	6.93
1994 Average	8.38	7.73	4.77	6.84	6.91
1995 Average	8.40	7.69	4.66	6.88	6.89
1996 Average	8.36	7.64	4.60	6.91	6.86
1997 Average	8.43	7.59	4.53	6.91	6.85
1998 Average	8.26	7.41	4.48	6.63	6.74
1999 Average	8.16	7.26	4.43	6.35	6.64 ^R
2000 Average	8.24	7.43	4.64	6.56	6.81
2001 January	7.78	7.36	4.99	6.63	6.90
February	8.09	7.54	4.83	6.91	6.93
March	8.35	7.70	4.87	6.95	7.05
April	8.52	7.73	4.87	6.98	7.06
May	8.87	7.74	4.99	7.09	7.20
June	9.08	8.10	5.18	7.08	7.56
July	9.06	8.39	5.48	7.23	7.86
August	9.02	8.35	5.40	7.18	7.82
September	8.94	8.23	5.25	6.92	7.62
October	8.91	8.30	5.01	7.31	7.46
November	8.53	7.76	4.75	7.04	7.05
December	8.35	7.68	4.78	7.00	7.08
Average	8.62	7.93	5.04	7.03	7.32
2002 January	8.08	7.47	4.73	6.63	6.96
February	8.18	7.69	4.77	6.81	6.99
March	8.16	7.72	4.78	6.84	6.98
April	8.37	7.64	4.71	6.91	6.95
May	8.64	7.80	4.73	6.84	7.09
June	8.71	8.08	4.94	6.88	7.39
July	8.80	8.29	5.13	6.71	7.62
August	8.75	8.23	5.05	6.62	7.56
September	8.65	8.07	4.89	6.61	7.36
October	8.50	8.07	4.84	6.80	7.20
November	8.33	7.68	4.68	6.76	6.95
December	8.09	7.64	4.68	7.00	6.97
Average	8.45	7.89	4.83	6.78	7.19
2003 January	7.98	7.77	4.67	6.68	7.02

^a Public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.
R=Revised.

Notes: • Prices are calculated by dividing revenue by sales. Revenue may not correspond to sales for a particular month because of energy service provider billing and accounting procedures. That lack of correspondence could result in uncharacteristic increases or decreases in the monthly prices. See Note 7 at end of section. • Geographic coverage is the 50 States and the District of Columbia.

Web Page: <http://www.eia.doe.gov/emeu/mer/prices.html>.

Sources: • **1973-September 1977:** Federal Power Commission, Form FPC-5, "Monthly Statement of Electric Operating Revenues and Income."
• **October 1977-February 1980:** Federal Energy Regulatory Commission (FERC), Form FPC-5, "Monthly Statement of Electric Operating Revenues and Income."
• **March 1980-1982:** FERC, Form FERC-5, "Electric Utility Company Monthly Statement."
• **1983:** Energy Information Administration (EIA), Form EIA-826, "Electric Utility Company Monthly Statement."
• **1984-1989:** EIA, Form EIA-861, "Annual Electric Utility Report."
• **1990 forward:** EIA, *Electric Power Monthly*, April 2003, Table 5.3.

Table 9.10 Cost of Fossil-Fuel Receipts at Electric Generating Plants
(Cents per Million Btu)

	Coal	Petroleum		Natural Gas ^c	All Fossil Fuels
		Residual Fuel Oil ^a	Total ^b		
1973 Average	40.5	78.5	80.0	33.8	47.6
1974 Average	70.9	189.0	191.0	48.2	91.4
1975 Average	81.4	200.5	202.3	75.2	104.4
1976 Average	84.8	195.2	199.0	103.4	111.9
1977 Average	94.7	219.8	224.9	129.1	129.7
1978 Average	111.6	212.5	219.1	142.2	141.1
1979 Average	122.4	298.8	307.2	174.9	163.9
1980 Average	135.1	426.7	435.1	219.9	192.8
1981 Average	153.2	533.4	542.5	280.5	225.6
1982 Average	164.7	483.2	492.2	337.6	224.9
1983 Average	165.6	457.8	462.8	347.4	220.6
1984 Average	166.4	481.2	486.3	360.3	219.1
1985 Average	164.8	424.4	431.7	344.4	209.4
1986 Average	157.9	240.1	243.7	235.1	175.0
1987 Average	150.6	297.6	301.1	224.0	170.6
1988 Average	146.6	240.5	243.9	226.3	164.3
1989 Average	144.5	284.6	289.3	235.5	167.5
1990 Average	145.5	331.9	335.3	232.1	168.8
1991 Average	144.7	246.5	252.7	215.3	160.2
1992 Average	141.2	247.5	251.4	232.8	158.9
1993 Average	138.5	236.2	237.3	256.0	159.4
1994 Average	135.5	240.9	242.3	223.0	152.5
1995 Average	131.8	258.6	256.6	198.4	145.2
1996 Average	128.9	303.4	302.6	264.1	151.8
1997 Average	127.3	278.8	273.0	276.0	152.0
1998 Average	125.2	207.9	202.1	238.1	143.5
1999 Average	121.6	243.6	235.9	257.4	143.8
2000 Average	120.0	429.4	417.9	430.2	173.5
2001 January	122.3	421.7	457.7	921.5	214.1
February	123.9	442.2	441.4	694.7	189.1
March	122.6	402.3	401.1	573.8	178.3
April	123.9	388.4	388.6	563.8	191.9
May	124.5	376.7	378.6	514.2	186.3
June	124.8	380.1	369.7	425.1	178.3
July	122.5	359.7	349.2	374.4	176.4
August	123.3	347.7	331.2	355.8	169.6
September	123.4	341.3	316.0	295.5	156.4
October	121.0	309.0	287.5	271.5	142.2
November	123.7	280.0	268.8	324.2	145.1
December	122.0	274.5	256.1	307.7	141.7
Average	123.2	372.4	369.3	448.7	173.0
2002 January ^d	126.2	278.7	226.4	301.3	162.6
February	128.2	270.7	204.1	274.4	158.3
March	125.3	311.3	222.6	320.5	170.0
April	125.5	350.4	349.7	364.9	194.2
May	126.0	364.2	282.3	367.3	186.8
June	126.3	368.0	281.4	348.3	189.5
July	124.8	362.6	267.7	340.3	192.0
August	127.3	393.5	299.7	331.8	191.3
September	125.7	388.0	294.0	361.6	188.3
October	122.2	419.3	339.4	406.2	184.9
November	125.1	420.7	348.3	427.0	187.8
December	122.0	423.8	335.0	456.1	197.4
Average	125.3	371.7	296.9	356.4	183.9

^a For 1973-2001, electric utility data are for heavy oil (fuel oil nos. 5 and 6, and small amounts of fuel oil no. 4).

^b Distillate fuel oil, residual fuel oil, petroleum coke, jet fuel, kerosene, other petroleum, and waste oil. For 1973-1982, data do not include refined motor oil, bunker oil, and liquefied petroleum gas. For 1973-1989, data do not include petroleum coke.

^c Natural gas, including a small amount of supplemental gaseous fuels.

^d Through 2001, data are for electric utilities only. Beginning in 2002, data also

include independent power producers, and electric generating plants in the commercial and industrial sectors. See Note 8 at end of section for plant coverage.

Notes: • Receipts are purchases of fuel. • Yearly costs are averages of monthly values, weighted by quantities in Btu. • Geographic coverage is the 50 States and the District of Columbia.

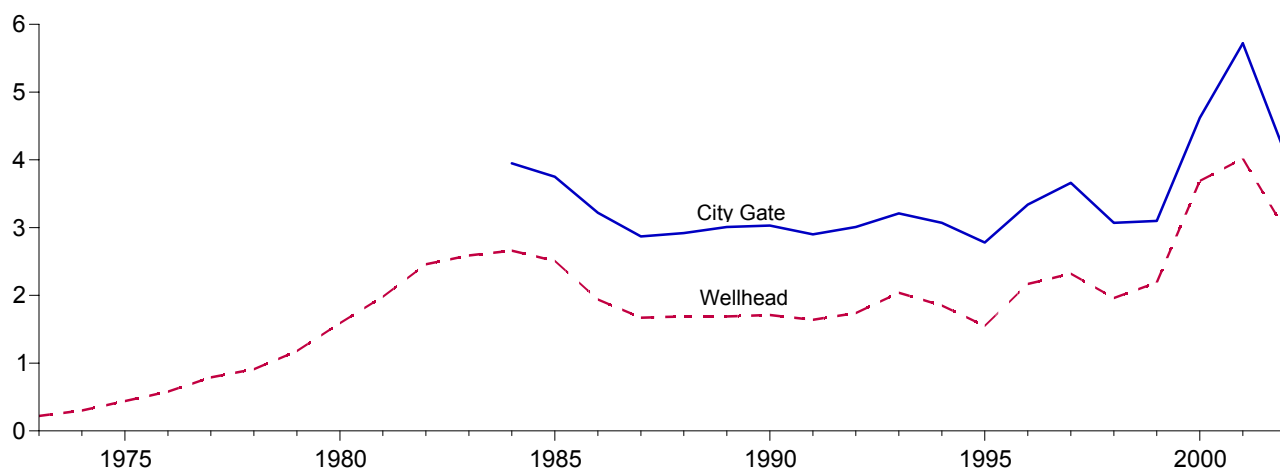
Web Page: <http://www.eia.doe.gov/emeu/mer/prices.html>.

Sources: See end of section.

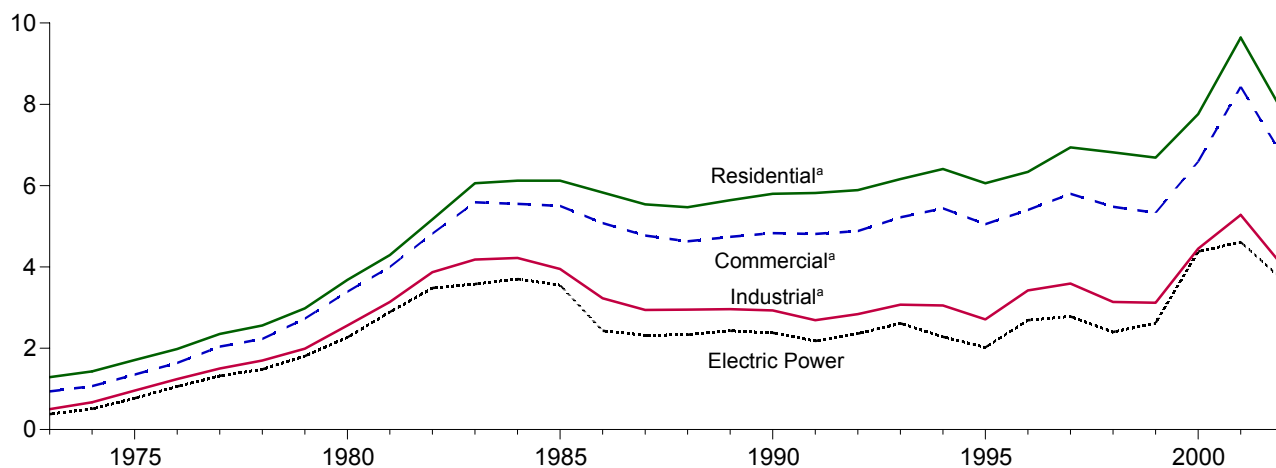
Table 9.10 has not been updated this month.

Figure 9.4 Natural Gas Prices
(Dollars per Thousand Cubic Feet)

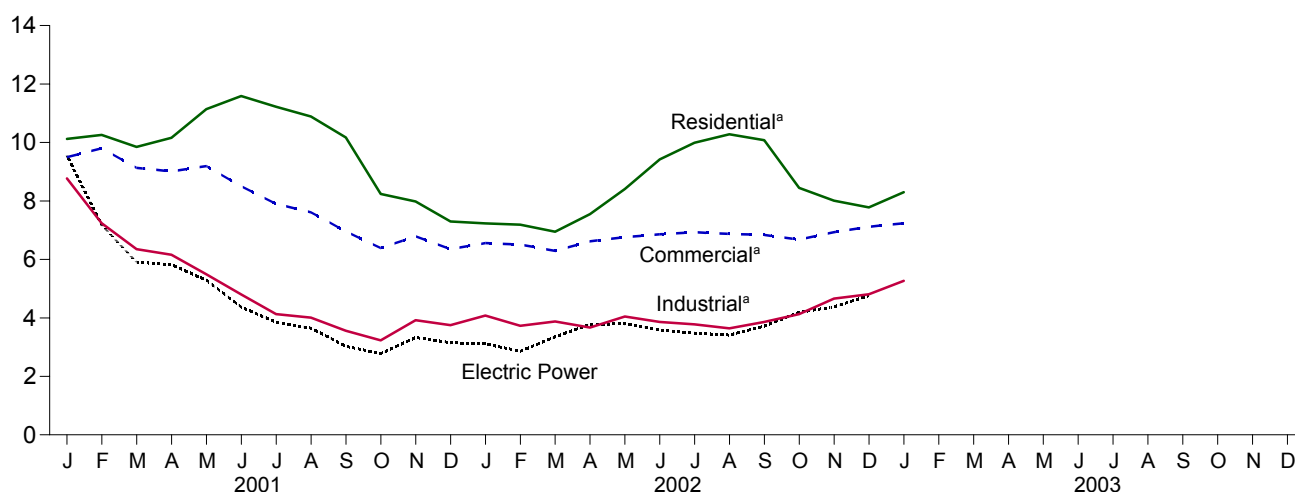
Selected Prices, 1973-2002



Consuming Sectors, 1973-2002



Consuming Sectors, Monthly



^aIncludes taxes.

Note: Because vertical scales differ, graphs should not be compared.

Web Page: <http://www.eia.doe.gov/emeu/mer/prices.html>.

Source: Table 9.11.

Table 9.11 Natural Gas Prices
(Dollars per Thousand Cubic Feet)

	Wellhead Price	City Gate Price	Consuming Sectors ^a							
			Residential		Commercial ^b		Industrial ^c		Electric Power ^d	
			Price ^e	Percentage of Sector ^f	Price ^e	Percentage of Sector ^f	Price ^e	Percentage of Sector ^f	Price	Percentage of Sector ^f
1973 Average	0.22	NA	1.29	NA	0.94	NA	0.50	NA	0.38	92.1
1974 Average .....	.30	NA	1.43	NA	1.07	NA	.67	NA	.51	92.7
1975 Average .....	.44	NA	1.71	NA	1.35	NA	.96	NA	.77	96.1
1976 Average .....	.58	NA	1.98	NA	1.64	NA	1.24	NA	1.06	96.2
1977 Average .....	.79	NA	2.35	NA	2.04	NA	1.50	NA	1.32	97.1
1978 Average .....	.91	NA	2.56	NA	2.23	NA	1.70	NA	1.48	98.0
1979 Average	1.18	NA	2.98	NA	2.73	NA	1.99	NA	1.81	96.1
1980 Average	1.59	NA	3.68	NA	3.39	NA	2.56	NA	2.27	96.9
1981 Average	1.98	NA	4.29	NA	4.00	NA	3.14	NA	2.89	97.6
1982 Average	2.46	NA	5.17	NA	4.82	NA	3.87	85.1	3.48	92.6
1983 Average	2.59	NA	6.06	NA	5.59	NA	4.18	80.7	3.58	93.9
1984 Average	2.66	3.95	6.12	NA	5.55	NA	4.22	74.7	3.70	94.4
1985 Average	2.51	3.75	6.12	NA	5.50	NA	3.95	68.8	3.55	94.0
1986 Average	1.94	3.22	5.83	NA	5.08	NA	3.23	59.8	2.43	91.7
1987 Average	1.67	2.87	5.54	NA	4.77	93.1	2.94	47.4	2.32	91.6
1988 Average	1.69	2.92	5.47	NA	4.63	90.7	2.95	42.6	2.33	89.6
1989 Average	1.69	3.01	5.64	99.9	4.74	89.1	2.96	36.9	2.43	88.6
1990 Average	1.71	3.03	5.80	99.3	4.83	86.6	2.93	35.2	2.38	89.2
1991 Average	1.64	2.90	5.82	99.2	4.81	85.1	2.69	32.7	2.18	93.2
1992 Average	1.74	3.01	5.89	99.1	4.88	83.2	2.84	30.3	2.36	93.2
1993 Average	2.04	3.21	6.16	99.1	5.22	83.9	3.07	29.7	2.61	93.4
1994 Average	1.85	3.07	6.41	99.1	5.44	79.3	3.05	25.5	2.28	93.5
1995 Average	1.55	2.78	6.06	99.1	5.05	76.7	2.71	24.5	2.02	92.0
1996 Average	2.17	3.34	6.34	99.1	5.40	77.6	3.42	19.4	2.69	92.2
1997 Average	2.32	3.66	6.94	98.8	5.80	70.8	3.59	18.1	2.78	91.0
1998 Average	1.96	3.07	6.82	97.7	5.48	67.0	3.14	16.1	2.40	82.5
1999 Average	2.19	3.10	6.69	95.2	5.33	R 66.1	R 3.12	R 18.7	2.62	75.3
2000 Average	3.69	4.62	7.76	92.6	6.59	62.9	R 4.45	R 19.8	4.38	64.3
2001 January	R 6.82	R 8.91	R 10.12	NA	R 9.50	R 72.7	R 8.77	R 22.1	9.55	41.6
February	R 5.08	R 7.08	R 10.26	NA	9.80	R 71.6	R 7.24	R 21.7	7.18	38.4
March	R 4.37	R 6.10	R 9.85	NA	R 9.13	R 69.0	R 6.35	R 20.4	5.91	40.9
April	R 4.52	R 6.30	10.16	NA	9.01	R 66.3	R 6.16	R 19.5	5.82	48.2
May	R 4.36	R 5.77	R 11.14	NA	R 9.19	R 60.7	R 5.49	R 17.9	5.29	48.7
June	R 3.80	R 5.38	R 11.59	NA	R 8.50	R 59.3	R 4.80	R 17.6	4.37	44.5
July	R 3.36	R 4.03	R 11.22	NA	R 7.90	R 54.2	R 4.13	R 18.5	3.85	45.8
August	R 3.34	R 4.32	R 10.89	NA	R 7.61	53.6	R 4.01	R 18.0	3.65	41.4
September	R 2.94	3.66	R 10.17	NA	R 6.96	R 53.8	R 3.56	R 18.2	3.03	42.1
October	R 2.81	R 3.37	R 8.24	NA	R 6.39	R 59.9	R 3.23	R 18.7	2.78	36.9
November	R 3.42	R 4.02	R 7.98	NA	R 6.79	R 64.8	R 3.92	R 18.7	3.33	33.4
December	R 3.44	R 3.90	R 7.30	NA	R 6.35	R 67.9	R 3.75	R 19.4	3.15	35.4
Average	R 4.02	R 5.72	R 9.64	92.3	R 8.43	R 65.8	R 5.28	R 19.3	4.61	41.9
2002 January	E 2.35	4.03	7.23	NA	6.56	66.8	R 4.08	R 17.6	d3.11	d80.8
February	E 2.14	3.73	7.19	NA	6.51	65.6	R 3.73	R 18.1	2.86	87.4
March	E 2.52	3.83	6.95	NA	6.29	65.8	R 3.88	R 17.9	3.35	86.1
April	E 3.02	4.16	7.55	NA	6.62	61.4	R 3.67	R 23.5	3.78	84.4
May	E 3.01	4.06	8.41	NA	6.76	57.0	R 4.05	R 21.3	3.80	81.8
June	E 2.94	4.14	9.42	NA	6.86	53.9	R 3.86	R 22.8	3.59	78.7
July	E 2.89	3.90	9.99	NA	6.93	50.1	R 3.78	R 21.0	3.48	74.5
August	E 2.77	3.61	10.28	NA	6.87	48.9	R 3.64	R 19.5	3.41	78.6
September	E 2.98	4.07	10.08	NA	6.84	49.9	R 3.86	R 19.8	3.72	79.1
October	E 3.35	4.28	8.45	NA	6.68	56.8	R 4.13	R 19.2	4.19	81.0
November	E 3.59	4.58	8.01	NA	6.93	61.9	R 4.66	R 19.8	4.38	84.9
December	E 3.84	4.29	7.78	NA	7.12	66.0	R 4.81	R 21.1	4.76	88.2
Average	E 2.95	4.07	7.79	NA	6.70	61.3	R 4.01	R 20.1	3.67	81.1
2003 January	E 4.47	5.01	8.30	NA	7.24	67.2	5.27	22.9	NA	NA

^a See Note 9 at end of section.

^b Commercial sector, including commercial combined-heat-and-power (CHP) and commercial electricity-only plants. See note at end of Section 7.

^c Industrial sector, including industrial combined-heat-and-power (CHP) and industrial electricity-only plants. See note at end of Section 7.

^d The electric power sector comprises electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Through 2001, data are for electric utilities only; beginning in 2002, data also include independent power producers. See Note 8 at end of section for plant coverage.

^e Includes taxes.

^f The percentage of the sector's consumption in Table 4.4 for which price data are available.

R=Revised. NA=Not available. E=Estimate.

Notes: • Prices are for natural gas, including a small amount of supplemental gaseous fuels. • Prices are intended to include all taxes. See Note 9 at end of section. • Wellhead annual and year-to-date prices are simple averages of the monthly prices; all other annual and year-to-date prices are volume-weighted averages of the monthly prices. • Geographic coverage is the 50 States and the District of Columbia.

Web Page: <http://www.eia.doe.gov/emeu/mer/prices.html>.

Sources: See end of section.

Beginning with the April 2003 *Monthly Energy Review*, Table 9.11 is expanded to include percent-of-sector data, where available, for the residential and electric power sectors.

Energy Prices

Note 1. The average domestic first purchase price represents the average price at which all domestic crude oil is purchased. Prior to February 1976, the price represented an estimate of the average of posted prices; beginning with February 1976, the price represents an average of actual first purchase prices. The data series was previously called "Actual Domestic Wellhead Price."

Note 2. F.O.B. literally means "Free on Board." It denotes a transaction whereby the seller makes the product available with an agreement on a given port at a given price; it is the responsibility of the buyer to arrange for the transportation and insurance.

Note 3. The landed cost of imported crude oil from selected countries does not represent the total cost of all imported crude. Prior to April 1975, imported crude costs to U.S. company-owned refineries in the Caribbean were not included in the landed cost, and costs of crude oil from countries that export only small amounts to the United States were also excluded. Beginning in March 1975, however, coverage was expanded to include U.S. company-owned refineries in the Caribbean. Landed costs do not include supplemental fees.

Note 4. Beginning with January 1981, refiner acquisition costs of crude oil are from data collected on Energy Information Administration (EIA) Form EIA-14, "Refiners' Monthly Cost Report." Those costs were previously published from data collected on Economic Regulatory Administration (ERA) Form ERA-49, "Domestic Crude Oil Entitlements Program Refiners Monthly Report." Form ERA-49 was discontinued with the decontrol of crude oil on January 28, 1981. Crude oil purchases and costs are defined for Form EIA-14 in accordance with conventions used for Form ERA-49. The respondents for the two forms are also essentially the same. However, due to possible different interpretations of the filing requirements and a different method for handling prior period adjustments, care must be taken when comparing the data collected on the two forms.

The refiner acquisition cost of crude oil is the average price paid by refiners for crude oil booked into their refineries in accordance with accounting procedures generally accepted and consistently and historically applied by the refiners concerned. Domestic crude oil is that oil produced in the United States or from the outer continental shelf as defined in 43 USC Section 1331. Imported crude oil is either that oil reported on Form ERA-51, "Transfer Pricing Report," or any crude oil that is not domestic oil. The composite cost is the weighted average of domestic and imported crude oil costs.

Crude oil costs and volumes reported on Form ERA-49 excluded unfinished oils but included the Strategic Petroleum Reserve (SPR). Crude oil costs and volumes reported on Federal Energy Administration (FEA) Form

FEA-P110-M-1, "Refiners' Monthly Cost Allocation Report," included unfinished oils but excluded SPR. Imported averages derived from Form ERA-49 exclude oil purchased for SPR, whereas the composite averages derived from Form ERA-49 include SPR. None of the prices derived from Form EIA-14 include either unfinished oils or SPR.

Note 5. Several different series of motor gasoline prices are published in this section. U.S. city average retail prices of motor gasoline are calculated monthly by the Bureau of Labor Statistics during the development of the Consumer Price Index (CPI). These prices include all Federal, State, and local taxes paid at the time of sale. From 1974-1977, prices were collected in 56 urban areas. From 1978 forward, prices were collected from a new sample of service stations in 85 urban areas selected to represent all urban consumers-about 80 percent of the total U.S. population. The service stations are selected initially, and on a replacement basis, in such a way that they represent the purchasing habits of the CPI population. Service stations in the current sample include those providing all types of service (i.e., full-, mini-, and self-serve).

Refiner prices of finished motor gasoline for resale and to end users are determined by the EIA in a monthly survey of refiners and gas plant operators (Form EIA-782A). The prices do not include any Federal, State, or local taxes paid at the time of sale. Estimates of prices prior to January 1983 are based on Form FEA-P302-M-1/EIA-460, "Petroleum Industry Monthly Report for Product Prices," and also exclude all Federal, State, or local taxes paid at the time of sale. Sales for resale are those made to purchasers who are other-than-ultimate consumers. Sales to end users are sales made directly to the consumer of the product, including bulk consumers (such as agriculture, industry, and utilities) and residential and commercial consumers.

Note 6. Starting in January 1983, Form EIA-782, "Monthly Petroleum Product Sales Report," replaced 10 previous surveys. Every attempt was made to continue the most important price series. However, prices published through December 1982 and those published since January 1983 do not necessarily form continuous data series due to changes in survey forms, definitions, instructions, populations, samples, processing systems, and statistical procedures. To provide historical data, continuous series were generated for annual data 1978-1982 and for monthly data 1981 and 1982 by estimating the prices that would have been published had Form EIA-782 survey and system been in operation at that time. This form of estimation was performed after detailed adjustment was made for product and sales type matching and for discontinuity due to other factors. An important difference between the previous and present prices is the distinction between wholesale and resale and between retail and end user. The resale category continues to include sales among resellers. However, sales to bulk consumers, such as utility, industrial, and commercial accounts previously included in the wholesale category,

are now counted as made to end users. The end-user category continues to include retail sales through company-owned and operated outlets but also includes sales to the bulk consumers such as agriculture, industry, and electric utilities. Additional information may be found in “Estimated Historic Time Series for the EIA-782,” a feature article reprinted from the December 1983 [3] *Petroleum Marketing Monthly*, published by EIA.

Note 7. Preliminary monthly data are based on submissions from over 250 publicly and privately owned electric utilities reporting on Form EIA-826, “Monthly Electric Utility Sales and Revenue Report With State Distributions.” These utilities are statistically chosen as a cutoff sample from more than 3,000 electric utilities that report annually on Form EIA-861, “Annual Electric Utility Report.” Preliminary annual values are the sum of the monthly revenues divided by the sum of the monthly sales. When final Form EIA-861 annual data become available each year, their ratios to the preliminary Form EIA-826 values are used to derive adjusted final monthly values. Prior to January 1986, only privately owned electric utilities were included in the monthly survey and the sample was chosen using stratification techniques through December 1992.

Note 8. Data for 1973–1982 cover all regulated electric generating plants at which the generator nameplate capacity of all steam-electric units combined totaled 25 megawatts or greater. From 1974–1982, peaking units were included in the data and counted towards the 25-megawatt-or-greater total. Data for 1983–1990 cover all regulated electric generating plants at which the generator nameplate capacity of all steam-electric units combined totaled 50 megawatts or greater. Data for 1991–2001 cover all regulated electric generating plants at which the generator nameplate capacity of all steam-electric units and combined-cycle units together totaled 50 megawatts or greater. Data for 2002 forward cover the aforementioned regulated generating plants plus unregulated generating plants (independent power producers, as well as combined-heat-and-power generating plants and electricity-only plants in the commercial and industrial sector) whose total facility fossil-fueled nameplate generating capacity is 50 or more megawatts, regardless of unit type.

Note 9. Natural gas prices are intended to include all taxes. Instructions on the data collection forms specifically direct that all Federal, State, and local taxes, surcharges, and/or adjustments billed to consumers are to be included. However, sales and other taxes itemized on more than 3,000 consumers’ bills are sometimes excluded by the reporting utilities. Delivered-to-consumers prices for 1987 forward represent natural gas delivered and sold to residential, commercial, industrial, and electric power consumers. They do not include the price of natural gas delivered to industrial and commercial consumers on behalf of third parties. Volumes of natural gas delivered on behalf of third parties are included in the consumption data shown in Table 4.4.

Additional information is available in the EIA *Natural Gas Monthly*, Appendix C.

Table 9.1 Sources

Domestic First Purchase Price

1973–1976: U.S. Department of the Interior (DOI), Bureau of Mines (BOM), *Minerals Yearbook*, “Crude Petroleum and Petroleum Products” chapter.

1977: Federal Energy Administration (FEA), based on Form FEA-P124, “Domestic Crude Oil Purchaser’s Monthly Report.”

1978 forward: Energy Information Administration (EIA), *Petroleum Marketing Monthly*, June 2003, Table 1.

F.O.B. and Landed Cost of Imports

December 1973–September 1977: Federal Energy Administration, Form FEA-F701-M-0, “Transfer Pricing Report.”

October–December 1977: EIA, Form FEA-F701-M-0, “Transfer Pricing Report.”

1978 forward: EIA, *Petroleum Marketing Monthly*, June 2003, Table 1.

Refiner Acquisition Cost

1973: EIA estimates. The domestic price was derived by adding estimated transportation costs to the reported domestic first purchase price. The imported price was derived by adding an estimated ocean transport cost to the average “Free Alongside Ship” value published by the U.S. Bureau of the Census.

1974–1976: DOI, BOM, *Minerals Yearbook*, “Crude Petroleum and Petroleum Products” chapter.

1977: January–September, FEA, based on Form FEA-P110-M-1, “Refiners’ Monthly Cost Allocation Report.” October–December, EIA, based on Form FEA-P110-M-1, “Refiners’ Monthly Cost Allocation Report.”

1978 forward: EIA, *Petroleum Marketing Monthly*, June 2003, Table 1.

Table 9.2 Sources

October 1973–September 1977: Federal Energy Administration, Form FEA-F701-M-0, “Transfer Pricing Report.”

October 1977–December 1977: Energy Information Administration (EIA), Form FEA-F701-M-0, “Transfer Pricing Report.”

1978 forward: EIA, *Petroleum Marketing Monthly*, June 2003, Table 24.

Table 9.10 Sources

1973–July 1977: Federal Power Commission, Form FPC-423, “Monthly Report on Cost and Quality of Fuels for Electric Utility Plants.”

June 1977–December 1977: Federal Energy Regulatory Commission, Form FERC-423, “Monthly Report on Cost and Quality of Fuels for Electric Utility Plants.”

1978 and 1979: Energy Information Administration (EIA), Form FERC-423, "Monthly Report on Cost and Quality of Fuels for Electric Utility Plants."

1980–1989: EIA, *Electric Power Monthly*, April issues.

1990–2001: EIA, *Electric Power Monthly*, March 2003, Table 26.

2002 forward: Federal Energy Regulatory Commission, Form FERC-423, "Monthly Report on Cost and Quality of Fuels for Electric Utility Plants," and EIA, Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report."

Table 9.11 Sources

Wellhead Price:

1973-1996: Energy Information Administration (EIA), *Natural Gas Annual 2000*, Table 96. 1997 forward: EIA, *Natural Gas Monthly*, April 2003, Table 4.

City Gate Price:

1984-1987: EIA, *Natural Gas Monthly*, March 1990, Table 4; 1988-1992: EIA, *Natural Gas Monthly*, March 1995, Table 4; 1993-1996: EIA, *Natural Gas Monthly*, December 1999, Table 4. 1997 forward: EIA, *Natural Gas Monthly*, April 2003, Table 4.

Residential, Commercial, and Industrial Sector Prices:

1973-1996: EIA, *Natural Gas Annual 2001*, Table 96. 1997 forward: EIA, *Natural Gas Monthly*, April 2003, Table 4.

Percentage of Residential, Commercial, and Industrial Sectors, Annual

Calculated from EIA, *Natural Gas Annual, Volume 1*, report series, Table 1, "Summary Statistics for Natural Gas in the United States," as total amount of natural gas delivered to the sector's consumers minus the amount delivered for the account of others (to derive the amount on system) divided by the total amount delivered to the sector.

Percentage of Commercial, and Industrial Sectors, Monthly

EIA, table titled, "Percentage of Total Deliveries

Represented by Onsystem Sales, by State," in the *Natural Gas Monthly* issues as follows:

April 1988-March 1989	Table C-1
April 1989-December 1991	Table 33
January 1992-February 1993	Table 32
March 1993-October 1995	Table 28
November 1995-December 1997	Table 24
January 1998-Present	Table 25

Electric Power Sector Price:

1973-1996: EIA, *Natural Gas Annual 2001*, Table 96. 1997-2001: EIA, *Natural Gas Monthly*, March 2003, Table 4. 2002: Federal Energy Regulatory Commission, Form FERC-423, "Monthly Report on Cost and Quality of Fuels for Electric Utility Plants," and EIA, Form EIA-423 "Monthly Cost and Quality of Fuels for Electric Plants Report."

Percentage of Electric Power Sector:

1973-2001: Calculated by EIA as the quantity of natural gas receipts reported on FERC Form-423, "Monthly Report on Cost and Quantity of Fuels for Electric Utility Plants" (and predecessor forms) divided by the quantity of natural gas consumed in the electric power sector, as shown on *Monthly Energy Review* Table 7.3b. Natural gas receipts, 1973-1975: Federal Power Commission, "Annual Summary of Cost and Quality of Steam-Electric Plant Fuels," 1973 edition (page ii), 1974 edition (page ii), and 1975 edition (Table 3); 1976-1981: EIA, *Electric Power Annual*, November 1982, Table 68; 1982-1985: EIA, *Electric Power Annual 1986*, September 1987, Table 16; 1986-1995: EIA, *Electric Power Monthly*, December 1986, Table 26; 1996-2000: EIA, *Electric Power Monthly*, March 2002, Table 26; and 2001: EIA, *Electric Power Monthly*, March 2003, Table 26. 2002: Calculated by EIA as the quantity of natural gas receipts reported on FERC Form-423, "Monthly Report on Cost and Quantity of Fuels for Electric Utility Plants" (and published in EIA, *Electric Power Monthly*, March 2003, Table 26), and Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report," divided by the quantity of natural gas consumed in the electric power sector, as shown on *Monthly Energy Review* Table 7.3b.